

Josip Juraj Strossmayer University of Osijek



FACULTY OF KINESIOLOGY OSIJEK



Proposal on changes and amendments to the study programme

Undergraduate University Study Programme of Kinesiology

Osijek, February 2021

Content

1. INTRODUCTION	1
1.1. GENERAL INFORMATION ABOUT THE HIGHER EDUCATION INSTITUTION.....	1
1.2. PREPARATION OF CHANGES AND AMENDMENTS TO THE UNDERGRADUATE UNIVERSITY STUDY PROGRAMME OF KINESIOLOGY AND RECORDS ON THE PROGRESS.....	1
1.3. TEACHERS THAT PARTICIPATED IN PREPARATION OF THE PROPOSAL ON CHANGES AND AMENDMENTS TO THE UNDERGRADUATE UNIVERSITY STUDY PROGRAMME OF KINESIOLOGY	1
2. INSTITUTIONAL PROVISIONS.....	2
2.1. DEVELOPMENT STRATEGY OF HEI AND POSSIBLE INDIVIDUAL STRATEGIES OR ACTION PLANS, AND PUBLIC ANNUAL REPORTING ON THEIR IMPLEMENTATION	3
2.2. PROCEDURES BY WHICH HEI DEFINES ITS STANDARDS, REGULATIONS AND METHODS FOR EVALUATION OF ACHIEVED LEARNING OUTCOMES WITHIN ITS STUDY PROGRAMMES, INCLUDING ASSURANCE OF QUALITY, IMPARTIALITY, TRANSPARENCY, PROCEEDINGS IN CASES OF COMPLAINTS AND OTHER RELEVANT ISSUES.....	5
2.2.1. University standards and regulations referring to evaluation of acquired learning outcomes within the study programme.....	5
2.3. INVOLVEMENT OF STUDENTS IN THE QUALITY ASSURANCE PROCESS AT THE HIGHER EDUCATION INSTITUTION.....	7
2.4. PARTICIPATION OF LABOUR MARKET REPRESENTATIVES IN THE HEI DEVELOPMENT	9
2.5. ESTABLISHMENT OF THE INFORMATION SYSTEM FOR COLLECTING, RECORDING, PROCESSING AND REPORTING OF STATISTICAL DATA RELATED TO STUDY PROGRAMME REALISATION AND QUALITY ASSURANCE.....	10
2.6. STANDARDS AND REGULATIONS OF HEI RELATED TO EXTERNAL PERIODIC EVALUATION OF STUDY PROGRAMMES.....	11
2.7. STANDARDS AND REGULATIONS FOR PROTECTION OF STUDENT RIGHTS, ESPECIALLY RELATED TO PROVISION OF INFORMATION TO STUDENTS, PROCEDURES OF DEALING WITH STUDENT COMPLAINTS AND PROCEDURES FOR APPOINTMENT OF PERSONS IN CHARGE FOR STUDENT RIGHTS PROTECTION.....	11
2.8. STANDARDS AND REGULATIONS REFERRING TO PROFESSIONAL TRAINING OF HEI'S EMPLOYEES AND REPORTS ABOUT ITS REALISATION	12
2.9. ASSURANCE OF WORK QUALITY OF HEI'S PROFESSIONAL SERVICES AND RELATED EVIDENCE.....	13
3. GENERAL INFORMATION ABOUT THE STUDY PROGRAMME	14
3.1. NAME OF THE STUDY PROGRAMME	14
3.2. HOLDER / PROVIDER OF THE STUDY PROGRAMME.....	14
3.3. STUDY PROGRAMME TYPE (professional or university).....	14
3.4. LEVEL OF STUDY.....	14

3.5. SCIENTIFIC OR ARTISTIC FIELD.....	14
3.6. SCIENTIFIC OR ARTISTIC AREA.....	14
3.7. SCIENTIFIC OR ARTISTIC BRANCH	14
3.8. ADMISSION CRITERIA	14
3.9. DURATION OF STUDY (IN SEMESTERS) AND TOTAL NUMBER OF ECTS CREDITS ...	16
3.10. ACADEMIC/PROFESSIONAL TITLE EARNED UPON COMPLETION OF THE STUDY .	16
3.11. ANALYSIS OF THE STUDY PROGRAMME COMPLIANCE WITH HEI'S STRATEGIC GOALS.....	16
3.12. COMPETENCIES ACQUIRED BY STUDENTS UPON COMPLETION OF THE PROPOSED STUDY AND JOB QUALIFICATIONS.....	17
3.13. MECHANISM OF VERTICAL MOBILITY OF STUDENTS IN THE NATIONAL AND INTERNATIONAL HIGHER EDUCATION AREA	18
3.14. CONNECTION OF THE PROPOSED STUDY PROGRAMME WITH FUNDAMENTAL MODERN SKILLS AND PROFESSION.....	19
3.15. CONNECTION OF THE STUDY PROGRAMME WITH LOCAL COMMUNITY NEEDS (ECONOMY SECTOR, ENTREPRENEURSHIP, CIVIL SOCIETY, ETC.)	20
3.16. EVALUATION OF STUDENT EMPLOYABILITY AFTER GRADUATION, INCLUDING OPINIONS OF THREE ORGANIZATIONS ASSOCIATED WITH THE LABOUR MARKET (E.G. PROFESSIONAL ASSOCIATIONS, EMPLOYERS OR THEIR ASSOCIATIONS, UNIONS, PUBLIC SERVICES) ON THE SUITABILITY OF ACQUIRED LEARNING OUTCOMES FOR THE LABOUR MARKET	21
3.17. COMPARABILITY OF THE PROPOSED STUDY PROGRAMME WITH ACCREDITED PROGRAMMES DELIVERED BY PROMINENT FOREIGN HIGHER EDUCATION INSTITUTIONS IN THE EU	23
3.18. PRIOR EXPERIENCE OF THE PROPOSER IN IMPLEMENTATION OF THE SAME OR SIMILAR PROFESSIONAL/UNIVERSITY STUDY PROGRAMMES	24
3.19. PARTNERS OUTSIDE THE HIGHER EDUCATION SYSTEM (ECONOMY SECTOR, PUBLIC SECTOR, ETC.) THAT SHALL PARTICIPATE IN THE DELIVERY OF THE PROPOSED STUDY PROGRAMME.....	25
3.20. PROCESSES FOR DEVELOPMENT OF HEI'S INTERNATIONAL COOPERATION	26
3.21. ALIGNMENT OF THE STUDY PROGRAMME WITH MINIMUM QUALIFICATION CONDITIONS PRESCRIBED BY THE EUROPEAN PARLIAMENT AND COUNCIL FOR THE RECOGNITION OF PROFESSIONAL QUALIFICATIONS, DIRECTIVE 2005/36/EC, DATED 7 SEPTEMBER 2005, AND BY THE ACT ON REGULATED PROFESSIONS AND RECOGNITION OF FOREIGN PROFESSIONAL QUALIFICATIONS	26
4. STUDY PROGRAMME DESCRIPTION	29
4.1. BASIC STRUCTURE OF THE UNDERGRADUATE UNIVERSITY STUDY PROGRAMME OF KINESIOLOGY	29
4.2. STUDY PROGRAMME STRUCTURE, STUDYING RHYTHM AND REQUIREMENTS FOR ENROLMENT IN THE NEXT SEMESTER AND REQUIREMENTS FOR ENROLMENT IN THE SPECIFIC COURSE OR GROUP OF COURSES	208

4.2.1. Studying rhythm and students' obligations	208
4.2.2. Requirements for enrolment in the next study year.....	208
4.2.3. Total duration of studies.....	209
4.2.4. Manners of knowledge assessment	209
4.2.5. Losing studying permit.....	209
4.2.6. Exam types and manner of grading	210
4.2.7. Criteria and requirements for ECTS credits transfer	211
4.2.8. Additional programmes	211
4.3. COURSES STUDENTS CAN CHOOSE FROM OTHER STUDY PROGRAMMES	211
4.4. LIST OF COURSES THAT CAN BE CONDUCTED IN FOREIGN LANGUAGE	211
4.5. MANNER OF THE STUDY PROGRAMME COMPLETION	211
4.6. CONDITIONS BY WHICH STUDENTS WHO TERMINATED STUDIES OR LOST STUDYING PERMIT AT ONE STUDY PROGRAMME CAN CONTINUE STUDIES	212
5. CONDITIONS FOR REALISATION OF THE STUDY PROGRAMME	213
5.1. PLACES FOR REALISATION OF THE STUDY PROGRAMME	213
5.2. DOCUMENTS PROVING OWNERSHIP OF FACILITIES, RIGHTS TO USE, LEASE OR OTHER VALID LEGAL BASIS.....	213
5.3. PROOF OF PROVIDED PREMISES FOR CONDUCTING HIGHER EDUCATION ACTIVITIES	213
5.4. PROOF OF PROVIDED FACULTY'S EQUIPMENT.....	214
5.5. SPATIAL CAPACITIES FOR CONDUCTING LECTURES	219
5.6. OPTIMAL NUMBER OF STUDENTS.....	219
5.7. LIST OF TEACHERS AND NUMBER OF ASSOCIATES WHO WILL PARTICIPATE IN CONDUCTING THE STUDY PROGRAMME	219
5.8. LIST AND DATA - TEACHERS AND ASSOCIATES	229
5.9. ESTIMATION OF STUDY COST PER STUDENT: FINANCIAL EVALUATION	309
5.10. METHODS OF MONITORING THE QUALITY AND EFFICIENCY OF THE STUDY PROGRAMME, ESPECIALLY THE METHODS OF STUDY PROGRAMME EVALUATION ..	311
5.11. PROVISION OF HIGHER EDUCATION INSTITUTION'S SUPPORT TO STUDENTS (ACADEMIC, PROFESSIONAL, PSYCHOLOGICAL COUNSELING AND SIMILAR)	312

1. INTRODUCTION

1.1. GENERAL INFORMATION ABOUT THE HIGHER EDUCATION INSTITUTION

JOSIP JURAJ STROSSMAYER UNIVERSITY OF OSIJEK

Rektorat, HR-31000 Osijek, Trg Sv. Trojstva 3

Phones: (031) 224 102, 224 110, 224 120, 224 130

Fax: (031) 207 015; URL: <http://www.unios.hr>

FACULTY OF KINESIOLOGY OSIJEK

31000 Osijek, Drinska 16a

Phone: 031 559 300, Fax: 031 559 301

PIN (Croatian OIB) 70788591483, IBAN: HR42 2500 0091 1015 07830

URL: <http://www.kifos.hr> e-mail: ured@kifos.hr

1.2. PREPARATION OF CHANGES AND AMENDMENTS TO THE UNDERGRADUATE UNIVERSITY STUDY PROGRAMME OF KINESIOLOGY AND RECORDS ON THE PROGRESS

At the 3rd session in the academic year 2020/2021, held on 26 February 2021, the Acting Council of the Faculty of Kinesiology Osijek, which is a constituent member of Josip Juraj Strossmayer University of Osijek, reached the Decision on adoption of changes and amendments to the Undergraduate University Study Programme of Kinesiology, as they affect more than 20% of change in the study programme. The Decision was based on the adopted Proposal on changes and amendments to the Undergraduate University Study Programme of Kinesiology that exceed more than 20%.

The Decision on adoption of changes and amendments to the Undergraduate University Study Programme of Kinesiology delivered by the Faculty of Kinesiology of Josip Juraj Strossmayer University of Osijek is to be found in attachment.

1.3. TEACHERS THAT PARTICIPATED IN PREPARATION OF THE PROPOSAL ON CHANGES AND AMENDMENTS TO THE UNDERGRADUATE UNIVERSITY STUDY PROGRAMME OF KINESIOLOGY

Proposal on changes and amendments to the Undergraduate University Study Programme of Kinesiology has been prepared in accordance with the Article 12, Paragraph 1, Item 1 of the Ordinance on the Content of a Licence and Conditions for Issuing a Licence for Performing Higher Education Activity, Carrying out a Study Programme and Re-Accreditation of Higher Education Institutions (Official Gazette 24/2010) by the following Expert Committee:

1. Prof. Dr. VESNICA MLINAREVIĆ, Acting Dean of the Faculty of Kinesiology Osijek, President
2. Prof. Dr. BORIS MALEŠ, Faculty of Kinesiology Split, external associate, member
3. Assist. Prof. Dr. ZVONIMIR TOMAC, Faculty of Kinesiology Osijek, member
4. Assist. Prof. Dr. JOSIP CVENIĆ, Faculty of Kinesiology Osijek, member
5. Assist. Prof. Dr. HRVOJE AJMAN, Faculty of Kinesiology Osijek, member
6. Assist. Prof. Dr. TVRTKO GALIĆ, Faculty of Kinesiology Osijek, member
7. TOMAS TADIĆ, Faculty of Kinesiology Osijek, students' representative, member

2. INSTITUTIONAL PROVISIONS

ANALYSIS OF COMPARABILITY OF THE PROPOSED STUDY PROGRAMME WITH QUALITY OF SIMILAR ACCREDITED STUDY PROGRAMMES IN THE REPUBLIC OF CROATIA AND IN THE EU COUNTRIES AS OF THE MINIMUM INSTITUTIONAL PROVISIONS

Introductory remarks

The Faculty of Kinesiology Osijek is a scientific-educational constituent member of Josip Juraj Strossmayer University of Osijek since its registration at the Commercial Court of Osijek done on 3 August 2020. The Undergraduate University Study Programme of Kinesiology has been initially delivered by the Faculty of Education, and this study has been recognised for its significant importance in Eastern Croatia, the Osijek-Baranja County and the city of Osijek, due to its academic contribution to civil sports associations and sports federations, as well as to overall development of sports activity in the city of Osijek and in the Osijek-Baranja County.

The Faculty of Kinesiology Osijek has been established on 1 October 2020, thus starting its official business in the academic year 2020/2021. It profiles itself as an important factor in the development of Eastern Croatia and the University of Osijek. Therefore, the Faculty of Kinesiology Osijek, as a new constituent member of Josip Juraj Strossmayer University of Osijek is important for further development, differentiation and professionalisation of sports life in this part of Croatia due to the demand for highly educated professionals in the area of kinesiology of sports, kinesiology education, kinesiological recreation and personalised physical activity.

The Faculty of Kinesiology Osijek is the only scientific-educational constituent member of the University of Osijek that develops specific applied areas of kinesiology within various modules contained within the Undergraduate University Study Programme of Kinesiology and the Graduate University Study Programme of Kinesiology Education. In this way, the Faculty promotes sports activities and kinesiology culture in a wider context and emphasises their regional characteristics within a wider European context.

Proposal on changes and amendments to the Undergraduate University Study Programme of Kinesiology has been initiated after completion of an analysis that was performed on the first generation of graduates from the Undergraduate University Study Programme of Kinesiology, by identifying the need to align the Undergraduate University Study Programme of Kinesiology with the Croatian Qualifications Framework and with the Strategy for Education, Science and Technology of the Republic of Croatia.

Development of the Undergraduate University Study Programme of Kinesiology has been driven by the fact that there is no such study in kinesiology at the undergraduate level in the eastern part of the Republic of Croatia. Such study programme is necessary, since many sports associations lack qualified professional staff, such as coaches, fitness trainers, sports recreation coordinators, etc.

The Undergraduate University Study Programme of Kinesiology enables students to acquire basic knowledge in kinesiology, as well as knowledge and skills in various sports (athletics, basketball, football, handball, tennis, gymnastics, karate, wrestling, rowing, shooting, etc.), in kinesiological recreation and fitness, physical conditioning of athletes, as well as in kinesiotherapy, all of which provide graduates with a wide range of competencies that are demanded at the labour market.

At the same time, knowledge, competencies and skills that students acquire within this study programme shall enable their subsequent profiling within further education at graduate studies in wider areas of kinesiology, in akin studies of teacher training, physiotherapy, economics, etc.

Legal framework

As defined by the Constitution of the Republic of Croatia “the state encourages and supports physical culture and sports”, and based on the Sports Act “a coach must have at least a bachelor degree, in accordance with a special regulation”.

According to the Sports Act (Official Gazette 71/06, 150/08, 124/10, 124/11, 86/12, 94/13, 85/15, 19/16, 98/19, 47/20, 77/20), professional jobs in sports are:

- planning and conducting training programmes;
- planning and conducting sports education for children and youth in sports schools;
- planning and conducting recreational sports;
- planning and conducting extracurricular sports activities;
- teaching people about the basic techniques of a particular sport.

The above-mentioned jobs in sports (item 1 and 2) can be performed by persons that hold an appropriate qualification corresponding to the level of a bachelor coach and by persons who are trained by training institutions within a license programme approved by umbrella world or European associations of a particular sport. Professional jobs in sports described under the above-mentioned item 3 can be performed by persons that have an appropriate qualification corresponding at least to the level of a bachelor coach. Professional jobs in sports described under the above-mentioned item 4 can be performed by persons who have appropriate qualification at the level of university studies and who fulfil requirements for a teacher of physical education, in accordance with a special regulation. Professional jobs in sports described under the above-mentioned item 5 can be performed by persons who are trained for working in sports by institutions accredited for training of sports professionals.

These constitutional and legal provisions determine the purposefulness of organisation and delivery of the Undergraduate University Study Programme of Kinesiology, which is tailored to the needs of public professional sector, i.e. of sports clubs, federations and local self-government units active in the area of the Osijek-Baranja, Vukovar-Srijem, Virovitica-Podravina, Brod-Posavina and Požega-Slavonia counties.

2.1. DEVELOPMENT STRATEGY OF HEI AND POSSIBLE INDIVIDUAL STRATEGIES OR ACTION PLANS, AND PUBLIC ANNUAL REPORTING ON THEIR IMPLEMENTATION

The Undergraduate University Study Programme of Kinesiology is of strategic importance for the University of Osijek, as determined by the University Development Strategy, officially referred to as *Strategy of Josip Juraj Strossmayer University of Osijek 2011-2020*, based on which the University of Osijek profiles itself into a modern, autonomous institution of higher education, research and innovation, and, as such, it is actively involved in the European university community.

Referring to the University Development Strategy, comprehensive analysis of study programmes determined that the strategic goal referring to the section of Teaching and Higher Education shall be directed towards reorganisation of study programmes in order to ensure that they are updated according to the latest European trends in higher education, and that they define new academic profiles. Furthermore, admission quotas need to be adjusted to the labour market demands and to the regional needs for workforce of specific profiles. It is also determined that it is necessary to develop modern, innovative undergraduate and graduate university studies, which are tailored to students' needs with respect to acquisition of competencies required at the labour market.

In the section *Reorganisation of studies and establishment of new studies*, the Strategy states that “the comprehensive analysis of study programmes showed that in the next five years it is necessary to reorganise study programmes to align them with the European trends in higher education and to define new academic profiles, as well as to adjust admission quotas to the labour market needs and regional environment. According to the labour market forecast for the next five-year period, it is necessary to establish new study programmes, one of which is the study programme of Physical Education”. Following the task determined by the item 3.1.9. of the University Strategy, in order to achieve the determined strategic goal, it is necessary “to establish a new study programme of Physical Education at the Faculty of Education in Osijek, and to change the name of the Faculty”. On 11 September 2014, the Faculty of Education in Osijek changed its Croatian version of its name and proceeded with the organisation of the Undergraduate University Study Programme of Kinesiology.

The Faculty of Kinesiology Osijek has started with its teaching and research activities in the academic year 2020/2021 by taking over the delivery of the existing study programme from the Faculty of Education in Osijek. After the first generation of students graduated from the Undergraduate University Study Programme of Kinesiology, the Faculty performed an extensive analysis of the study programme and of the labour market needs, and there was also student survey carried out to obtain information based on which the Faculty proceeded with changes and amendments to the Undergraduate University Study Programme of Kinesiology. Following the above-mentioned facts, and in accordance with the strategic goals of the University Strategy, the Faculty of Kinesiology Osijek prepared the proposal referring to changes and amendments to the Undergraduate University Study Programme of Kinesiology. Changes and amendments to the study programme are made in accordance with applicable regulations, modern scientific and professional trends, completed analyses and recommendations obtained from participants in the teaching process. Organisation of the Undergraduate University Study Programme of Kinesiology was a prerequisite for the continuation of educating bachelors within the Graduate Study Programme of Kinesiology Education.

In its *Strategy of Josip Juraj Strossmayer University of Osijek 2011-2020*, the University dedicates itself to provide continuous support to students’ sports activities. Within the 3rd phase of the University Campus construction, there is a plan to build a multi-purpose sports hall of 6,100 sq.m, which shall further strengthen the infrastructure required for delivery of high-quality teaching in kinesiology. There is also a plan to build outdoor sports grounds and a swimming pool next to the sports hall in the south-west part of the Campus. The construction of these facilities will provide all conditions for delivery of the high-quality teaching all cycles of kinesiology studies. Within the Strategy amendments, the goal of building the sports hall was redefined, so that in the first phase of construction, there will be outdoor sports grounds built in the southern part of the Campus. There is a plan to build six playgrounds for basketball/volleyball, three tennis courts and one handball court. The total area of sports grounds shall be 10,908 sq.m.

Since the Undergraduate University Study Programme of Kinesiology is intended to be organised also as part-time study available to students that are already employed in the sector of sports, such concept of lifelong learning is aligned with the University Strategy, which states: “Part-time students study and work at the same time, so they require a specific study programme. The costs of such study programme are covered entirely by part-time students. There are 6,000 part-time students currently studying at the University of Osijek, which accounts for 30% of the total student population at the University. Part-time study programmes are organised within 50% of teaching hours, but they are not yet fully adapted as specific programmes to the needs of part-time students, if considering the fact that part-time studies shall fit into the concept of lifelong learning and meet the needs of the environment in which the University exists”.

In the next five years, the Faculty of Kinesiology as a constituent member of Josip Juraj Strossmayer University of Osijek, sets its strategic goals towards strengthening of human

resources in order to offer new graduate and postgraduate studies that reflect current circumstances in the educational system of the Republic of Croatia, while being in accordance with the Faculty mission and vision.

2.2. PROCEDURES BY WHICH HEI DEFINES ITS STANDARDS, REGULATIONS AND METHODS FOR EVALUATION OF ACHIEVED LEARNING OUTCOMES WITHIN ITS STUDY PROGRAMMES, INCLUDING ASSURANCE OF QUALITY, IMPARTIALITY, TRANSPARENCY, PROCEEDINGS IN CASES OF COMPLAINTS AND OTHER RELEVANT ISSUES

Standards and regulations for evaluation of achieved learning outcomes, including methods for monitoring and assurance of quality, impartiality, transparency, procedures in cases of complaints and other relevant issues, are defined by the Ordinance on Studies and Studying at Josip Juraj Strossmayer University in Osijek.

Standards and procedures for checking of the achievement of learning outcomes are implemented by following the instructions and by applying quality indicators determined in the Guide through the quality assurance system at Josip Juraj Strossmayer University of Osijek.

The following data are collected and analysed: number of applicants in relation to the number of admitted students to the first study year; number of students proceeding to the higher study year; number of graduates per year; average duration of studying; grade point average at the study; exam pass rate and average grade achieved at exams; and employability of graduates.

In addition to the above-mentioned quality indicators, the following data are also collected:

- structure of admitted applicants with regard to completed secondary school education;
- structure of admitted applicants with regard to the grade point average achieved in secondary education; and
- minimum and maximum number of points achieved by admitted applicants at the State Matura Exam.

The data are collected and processed by the Office for Student Affairs in cooperation with the Quality Assurance Board of the Faculty of Kinesiology Osijek.

2.2.1. University standards and regulations referring to evaluation of acquired learning outcomes within the study programme

The Faculty of Kinesiology Osijek regulates the checking of the achievement of learning outcomes according to provisions stipulated in the *Ordinance on Studies and Studying at Josip Juraj Strossmayer University in Osijek* (articles 57–73). The University of Osijek has defined the standards for checking the achievement of learning outcomes within its general acts: the Statute of Josip Juraj Strossmayer University of Osijek, the Ordinance on Studies and Studying at Josip Juraj Strossmayer University in Osijek, the Ordinance on Quality Assurance at Josip Juraj Strossmayer University of Osijek – revised text (2010). The *Ordinance* describes rules for exams and other knowledge tests/obligations and forms of exams (Article 57 and 58), control of held exams (Art. 59), exam deadlines and types of exams (Art. 60), calendar and schedule of exams (Art. 61), time of held exam (Art. 62), number of exams (Art. 63), registration for exams (Art. 64), cancellation of exam registration (Art. 65), grading (Art. 66), grading according to ECTS (Art. 67), grading in relation to the group (Art. 68), exam results and teachers' obligations (Art. 69), objections to obtained grade (Art. 70), recognition of passed exams (Art. 71), records of success at exams (Art. 72), disciplinary responsibility of students (Art. 73).

General acts and documents are available to all university teachers and students via website of Josip Juraj Strossmayer University of Osijek. Learning outcomes are intensively researched and elaborated in various documents related to the Bologna Declaration and they are perceived as a basis of transparent higher education process. All stakeholders of the University of Osijek's quality assurance system support the systematic introduction of learning outcomes by organising training courses for staff working in the Quality Assurance Office. The University Quality Assurance Centre is establishing cooperation with similar offices at European universities, and it organises workshops on learning outcomes for university teachers, as well as meetings with students and employers with the aim to valorise the process and to create a Guide for writing of learning outcomes, which shall define a uniform way of writing and elaborating learning outcomes for all University constituents, so that the application of learning outcomes is comparable at the University level.

Following the above-mentioned information, and in accordance with the University Strategy, on 2 April 2012, the Senate determined that the criteria for assessment of development and efficiency of the quality assurance system at higher education institutions in the Republic of Croatia should be taken as a basis for assessment of the quality assurance system implemented at the University of Osijek.

The assessment criteria are based on European Standards and Guidelines for QA in Higher Education, by following its seven standards, among which learning outcomes and rules for their evaluation take up a significant role. The Senate concluded that it was necessary to define learning outcomes for all courses and all new study programmes, as well as for changes and amendments to existing study programmes, and to determine clear criteria and procedures for assessment of students' learning outcomes, since their publication and availability are important for raising the quality and transparency of educational process at the University of Osijek.

When determining the learning outcomes, the main objective is to clearly define knowledge, skills and competencies that students acquire within their studies and study cycles, so that students and other interested parties can have complete information about academic profiles formed within the studies.

The Handbook on Learning Outcomes for University Teachers (2009) and the Croatian Qualifications Framework were used in the process of defining learning outcomes. The study programme has been amended so that it contains:

1. intended learning outcomes, which shall be acquired by fulfilling obligations referring to each course, study module and the overall study programme, and the anticipated number of hours required for learning to ensure the acquisition of intended learning outcomes;
2. each study obligation is assigned an appropriate number of ECTS credits, which is determined according to the average amount of time that a student must invest into learning in order to achieve the intended learning outcomes within that obligation;
3. form of teaching and the method of assessment of acquired learning outcomes for each study obligation.

Definition of the course-related learning outcomes was based on competencies that each student should develop after successful completion of the study programme.

The most important goals in determining learning outcomes are:

- Study programme shall enable students to acquire basic relevant theoretical and applied knowledge, which is necessary for development of practical and professional skills in broad areas of kinesiology (skills in analysing sports systems and

- kinesiological activity, physical conditioning diagnostics, planning and conducting sports training, managing the exercise process, etc.);
- to prepare students for continuous acquisition of new knowledge;
 - to enable development of students' creative potentials and critical thinking skills, as well as to develop their ability to apply acquired practical and theoretical knowledge in kinesiology, by putting emphasis on the synergy between students' creative and empirical potential and their up-to-date knowledge about kinesiology;
 - to facilitate students' active participation in social and professional activities related to kinesiology, and to engage them in professional kinesiological work;
 - to enable students to successfully perform kinesiological work in sports institutions and sports clubs, and to enable them to use the acquired knowledge and skills in organisation of sports competitions, in management of sports federations, clubs, coaching, etc.

2.3. INVOLVEMENT OF STUDENTS IN THE QUALITY ASSURANCE PROCESS AT THE HIGHER EDUCATION INSTITUTION

Students are involved in many quality assurance processes at the Faculty of Kinesiology Osijek, as follows:

Direct involvement in the work of the Faculty Council

Provisional Statute of the Faculty of Kinesiology Osijek regulates participation of students in the Faculty Council, by requiring the Student Union of the Faculty to elect two student representatives to the Faculty Council for a two year-long term. As a legal Faculty body, the Faculty Council is involved in systematic assurance and improvement of the quality of higher education, since the Faculty Council members review and adopt reports on students' performance, reports on student survey results (university and internal surveys), they appoint teachers' associates at courses, as well as students as teachers' assistants at courses, they approve changes in curriculum, adopt reports on courses delivery, etc. Students as Faculty Council members actively participate in the decision-making process at sessions of the Faculty Council, thus having a direct influence on the issues of students' interest, such as decisions related to financial supports for students, assistance and support in studying, extracurricular activities, participation in projects, etc.

Direct involvement in the work of the Quality Assurance Committee

The quality assurance system at the University is focused on improvement of study conditions and students' experience with studying at the Faculty of Kinesiology Osijek – from admission to study, throughout lectures, exams, graduation and employment, as well as lifelong learning. By pursuing this goal, the Faculty assures satisfaction of all participants in the system - students, teachers, management, administrative staff, and community - which is a prerequisite for efficient integration into global trends in higher education, both in Europe and worldwide. At Josip Juraj Strossmayer University of Osijek, there is established Quality Assurance Centre, which is in charge of monitoring and improving the quality of higher education at the University level. It coordinates the work of quality assurance offices at all scientific-educational constituent members of the University. Expert bodies for quality assurance at the University level are the University Quality Assurance Committee and the quality assurance boards established at each scientific, artistic and educational constituent member of the University.

The Student Union proposes and the Faculty Council appoints one student representative to the Quality Assurance Board of the Faculty of Kinesiology Osijek. In this way, students have direct influence on the development of academic quality culture at the Faculty, and they also

actively participate in procedures of evaluation and development of internal mechanisms for assurance and improvement of the Faculty quality.

The Act on Quality Assurance in Science and Higher Education regulates the external system of quality assurance and its improvement, referring to procedures of initial accreditation for organisation of higher education activities, initial accreditation for delivery of study programmes, re-accreditation procedure of higher education institutions and scientific organisations, external independent periodic evaluation of the internal quality assurance system (audit), as well as thematic evaluations.

Student representative is an obligatory member in boards and expert panels appointed to deal with all procedures carried out by the Agency for Science and Higher Education. This obligation is stipulated in the *Procedure for Re-accreditation of Higher Education Institutions* (revised text, item 3.2. Appointment of an expert panel), and in the *Ordinance on external audit of internal quality assurance system of higher education institutions in the Republic of Croatia* (Article 5).

Based on the Regulation on Establishment and Function of Quality Assurance System at Josip Juraj Strossmayer University of Osijek, it is obligatory to involve students in the activities of the University Quality Assurance Centre (Article 7). According to the mentioned Regulation (Article 17) and the Decision on the Changes and Amendments to the Regulation on Establishment and Function of Quality Assurance System at Josip Juraj Strossmayer University of Osijek (Article 3), the Faculty of Kinesiology Osijek appointed one student representative to the Faculty's Quality Assurance Board.

The procedure for internal audit of University constituents and the Rectorate is determined by the Guidelines for Quality Assurance at Josip Juraj Strossmayer University of Osijek.

These Guidelines also define procedure for implementation of the Uniform University Student Survey, which is conducted every year at the University constituents.

The Quality Assurance Strategy of Josip Juraj Strossmayer University in Osijek sets framework for students to evaluate teachers' performance: "Aims of the student survey, by which students evaluate teaching process and teachers' performance, are to get an insight into good sides of teachers' work and to determine areas and activities that need to be improved. Student survey results are used as a basis for improvement of the teaching process. The survey is done in writing at the end of each academic year, and students evaluate specific elements of the educational process - organisation and structure of each course, workload, grading and exams, students' impression about lectures, course topics and general evaluation. The survey results are compared to previously obtained results (in order to monitor progress after introducing some changes) and in relation to other teachers".

Expression of opinion and assessment of teachers' performance and teaching process via surveys

According to the instructions of the University Quality Assurance Committee, all University constituents that deliver study programmes are obliged to carry out a uniform University Student Survey. Participation in this survey is also mandatory for all students in all study years of the Undergraduate University Study Programme of Kinesiology. The survey shall be carried out at the end of each academic year. In addition to the uniform University Student Survey, there will be also an anonymous internal student survey carried out at the Faculty of Kinesiology Osijek to obtain data, which are considered as indicators of relations between students and teachers and as guidelines for improvement of educational quality. Surveys have shown that students' evaluations are influenced by regular lecture attendance, interest in topics of each course, success at studying, as well as by sizes of student groups. The survey results provide insights into all aspects of the teaching process from students' perspective.

Expression of opinion and assessment of Faculty's professional services via surveys

Within the quality assurance system at the Faculty of Kinesiology Osijek, periodical surveying of students is planned in order to evaluate their opinion on provided professional

services, e.g. on the work of the Office for Student Affairs and the Administration Office. The Quality Assurance Board shall present to the Faculty management the report on the obtained survey results, and shall suggest measures for elimination of possibly detected weaknesses.

Engagement in the Student Union activities

The Student Union of the Faculty of Kinesiology Osijek is engaged in activities related to quality improvement, as it monitors the quality of studying and the student standard, it assures that student rights are exercised, that student activities receive enough funding, and that students are offered participation in extracurricular activities and projects.

2.4. PARTICIPATION OF LABOUR MARKET REPRESENTATIVES IN THE HEI DEVELOPMENT

The Faculty of Kinesiology, as a constituent member of Josip Juraj Strossmayer University of Osijek, shall establish agreements on cooperation with:

- Croatian Olympic Committee
- Croatian Paralympic Committee
- Croatian Deaf Sports Association
- National federations of various sports
- Croatian Association for Sports Recreation “Sports for All”
- Osijek Kindergarten
- Vukovar-Syrmia County Sports Federation;
- Community of sports associations and federations of Požega-Slavonia County
- Community of sports associations of Brod-Posavina County
- Virovitica-Podravina County Sports Association
- School Sports Association of Osijek-Baranja County, and
- The Osijek-Baranja County Sports Association and its affiliated members, which are:
 - Community of sports associations of the city of Osijek
 - Community of sports associations of the city of Belišće
 - Community of sports associations of the city of Beli Manastir
 - Community of sports associations of the city of Donji Miholjac
 - Community of sports associations of the city of Đakovo
 - Sports association of the city of Našice
 - Community of sports associations of the city of Valpovo.

Cooperation agreements have been already established for organisation of practice of students of the Faculty of Kinesiology, which is carried out, among other institutions, in the Football Club Osijek, Football Academy Krpan&Babić and in the Osijek Kindergarten.

The initiative for strengthening of partnerships with institutions, federations and sports associations in local and wider community is determined as one of the strategic development goals of the Faculty of Kinesiology Osijek.

The Faculty of Kinesiology Osijek also focuses on establishment of cooperation with other universities, faculties and scientific institutions in the Republic of Croatia and abroad by endorsing forms of cooperation that contribute to the quality of the teaching process and to dissemination of knowledge. In this sense, the Faculty contributes to the global knowledge network and gets recognition as an important local and regional centre of science and education.

2.5. ESTABLISHMENT OF THE INFORMATION SYSTEM FOR COLLECTING, RECORDING, PROCESSING AND REPORTING OF STATISTICAL DATA RELATED TO STUDY PROGRAMME REALISATION AND QUALITY ASSURANCE

MOZVAG (Module for Higher Education Institutions and the Agency for Science and Higher Education) is an information system used to support evaluation procedures implemented by the Agency for Science and Higher Education (such as initial accreditation of study programmes, re-accreditation of higher education institutions, external auditing of quality assurance systems). MOZVAG is used for recording data on study programmes and teachers of the Faculty of Kinesiology Osijek. The Faculty also uses its own database, which is updated by the Office for Student Affairs, and the data contained therein are used for creation of required statistical reports. ISVU – National Information System for Higher Education Institutions will be used for data collection and processing. After approval of the study programme, the Faculty of Kinesiology Osijek shall enter the data in the MOZVAG national database on accredited university study programmes in the Republic of Croatia, and shall make regular updates on respective amendments to the study programmes.

Within the National Information System for Higher Education Institutions - ISVU, the Faculty of Kinesiology Osijek is given insights into data on studies, students and teachers, which allows for monitoring, collecting and processing of data on the number of applicants in relation to the number of admitted students in the first study year, grade point average achieved in secondary education, type of secondary school from which applicants graduated (grammar school, vocational school, etc.), the number of students enrolling in postgraduate studies, the number of students enrolled at each course, number of obtained ECTS credits, student statuses, the number of enrolled students in the higher study year, exam pass rate, grade point average achieved during studying, average duration of studying, the number of graduates per year, etc.

In its section referring to teaching and teachers, ISVU keeps records on delivered teaching activity (course teachers, their appointments into grades, courses taught, reading lists for courses).

Professional services of the Faculty of Kinesiology Osijek keep records on all Faculty employees, all information on teachers' appointment into grades, reports of committees with data on scientific-teaching work, data on professional training, etc.

Josip Juraj Strossmayer University of Osijek is actively involved in processes of informatisation for the purpose of provision of modern information technology for various activities, with the overall aim of becoming successfully integrated into the modern information society - the knowledge society.

Implementation of new information technologies is facilitated through cooperation with the Croatian Academic and Research Network – CARNET. New CARNET centre on the University Campus is equipped with the latest IT equipment, thus providing high-quality IT services and supports to the University.

Referring to the issue of human and material resources, the new University Strategy plans the establishment of an information system called Is-UVN, which shall be used for integrated management in higher education for the purpose of improving administrative, coordinative and supervisory functioning of the University. The project Is-UVN supports and enables direct and effective assurance of quality at the University level through various aspects on the way to adjustment to European standards and the Bologna reform in the Republic of Croatia. Following the above, at the University of Osijek intends to establish a central information and communication system.

2.6. STANDARDS AND REGULATIONS OF HEI RELATED TO EXTERNAL PERIODIC EVALUATION OF STUDY PROGRAMMES

Standards and regulations are determined by the Rules on evaluation procedure of university undergraduate, graduate and professional study programmes of Josip Juraj Strossmayer University of Osijek (2009), and they are aligned with the decisions and conclusions reached by the Senate of Josip Juraj Strossmayer University of Osijek. As determined in the University Strategy, there is a need to perform a comprehensive analysis of study programmes in accordance with the Act on Quality Assurance in Science and Higher Education (Official Gazette 45/09), the Ordinance on the Content of a Licence and Conditions for Issuing a Licence for Performing Higher Education Activity, Carrying out a Study Programme and Re-Accreditation of Higher Education Institutions (Official Gazette, 24/10), as well as with the strategic goals of the University referring to teaching activity and higher education in the next three years. Based on the analysis results, University Study Programme of Kinesiology is reorganised according to European trends in higher education and labour market trends. In particular, admission quotas for full-time and part-time study programmes are adjusted to the labour market requirements and the needs of regional community in the next five years.

2.7. STANDARDS AND REGULATIONS FOR PROTECTION OF STUDENT RIGHTS, ESPECIALLY RELATED TO PROVISION OF INFORMATION TO STUDENTS, PROCEDURES OF DEALING WITH STUDENT COMPLAINTS AND PROCEDURES FOR APPOINTMENT OF PERSONS IN CHARGE FOR STUDENT RIGHTS PROTECTION

Standards and regulations referring to assurance and protection of student rights, especially referring to provision of information to students and to procedures of dealing with student complaints are defined by the Ordinance on Studies and Studying at Josip Juraj Strossmayer University in Osijek. This Ordinance is published on the website of Josip Juraj Strossmayer University of Osijek (www.unios.hr)

As determined by the *Act on Student Unions*, there is also the Student Union established at the Faculty of Kinesiology Osijek. It involves nine members with a president as a coordinator. The Preliminary Statute of the Faculty of Kinesiology Osijek (Articles 36 and 38) defines that students shall be represented in the Faculty Council with a quota of 15% of all Faculty Council members. Student representatives as members of the Faculty Council are selected among the members of the Student Union. Student representatives have the same rights as other members of the Faculty Council (they participate in discussions and have a right to vote). Students have a representative in the Ethics Committee of the Faculty of Kinesiology Osijek, in the Quality Assurance Board and in the Board for Teaching and Students.

The Student Union and the Student Ombudsman are given premises at the Faculty for their work, their activities are co-financed and they are provided with administrative and technical support.

The most important form of support for students, which includes provision of information to students about their rights and obligations, is provided by the study year coordinator and by the mentor.

At the University level, as well as at the level of the Faculty of Kinesiology Osijek, students are represented in all professional bodies (committees and boards).

Student rights are determined by the authorised bodies of the Senate: Vice-Rector for Education and Students, Board for Teaching and Students of the Faculty of Kinesiology Osijek, as well as by the University Student Ombudsman and the Office for Student Affairs of the Faculty of Kinesiology Osijek.

2.8. STANDARDS AND REGULATIONS REFERRING TO PROFESSIONAL TRAINING OF HEI'S EMPLOYEES AND REPORTS ABOUT ITS REALISATION

Standards and regulations referring to professional training of all employees of higher education institution are determined by the Ordinance on election and re-election to titles and corresponding employment positions at Josip Juraj Strossmayer University of Osijek. The Ordinance is adopted by the Senate and published on the University website.

The Committee for verification of compliance with the Rectors' Conference criteria is a permanent expert body of the Faculty of Kinesiology Osijek. It checks the fulfilment of necessary requirements determined by the Croatian Rectors' Conference with respect to evaluation of teaching and scientific-professional activities in the procedure of appointing teachers to artistic-teaching, scientific-teaching and teaching grades. The Committee is in charge to prepare reports on the verification of fulfilled requirements for appointment into grades.

The University of Osijek also offers various informal training courses that are approved by the Senate and organised in accordance with the Ordinance on Studies and Studying at the University. These training courses provide various professional competencies to their participants.

Referring to the concept of lifelong learning, assistants and young researchers are enabled to acquire teaching competencies within the course referring to pedagogical-psychological and didactic-methodological training. Completion of this course is mandatory for conducting university teaching. The completed lifelong learning programme qualifies Faculty employees appointed to associate grades (senior assistant and assistant) to participate in the teaching process.

As defined in the University Ordinance on election and re-election to titles and corresponding employment positions, it is determined that all Faculty employees appointed to associate grades of an assistant and senior assistant have to complete the programme of general pedagogical-psychological and didactic-methodological training before proceeding with appointment into the grade of assistant professor. The participation of senior assistants, assistants and young researchers in the mentioned lifelong learning programme is funded by the University Development Fund. Reports on the completed lifelong learning programme are presented to the University administration after each cycle of the programme.

Strengthening the internal integration of the University is achieved by developing various lifelong learning programmes by integrating expertise from various University constituents. In this sense, the establishment of the Faculty of Kinesiology Osijek provides opportunities for organisation of new study programmes and for lifelong learning programmes in kinesiology, sports, tourism and sports management.

Further internationalisation of the University will be achieved through the mobility of students and teachers (by creating international teaching teams). For such an activity, the University of Osijek states that it is necessary to provide a space of about 3,000 sq.m, which would consist of well-equipped lecture halls, teachers' offices and a library, which would provide for distance learning, since it is an important dimension of attracting students from distant destinations.

Faculty of Kinesiology Osijek supports students and (non)teaching staff to participate in the individual exchanges within the Erasmus+ Programme. Strategic goals in the following period are:

- strengthening the international exchange of teachers, students and administrative staff

- increasing participation of students and teachers in the Erasmus+ programme
- increasing the number of scientific research projects supported by the European Commission and other institutions
- widening of activities referring to professional guidance of students (Career Service)
- strengthening of cooperation with employers and the labour market
- improving the interdisciplinary approach to cooperation with international organisations within international scientific research projects, teaching and professional activities
- supporting professional training of employees dealing with international cooperation
- supporting participation of staff in lifelong learning programmes.

2.9. ASSURANCE OF WORK QUALITY OF HEI'S PROFESSIONAL SERVICES AND RELATED EVIDENCE

Assurance of quality of work delivered by professional services is implemented within functional integration of the University by the Senate and workshops organised by the Quality Assurance Centre of the University. The quality of work delivered by professional services is analysed on a daily basis through communication of employees and professional services, and, if necessary, there are appropriate measures undertaken to improve the work quality.

The Faculty of Kinesiology Osijek carries out periodic surveys among teachers on their satisfaction with the work delivered by professional and administrative services. The survey results are elaborated by the Quality Assurance Board and presented to the Faculty Management Board. The Faculty Management Board decides on measures to eliminate possible weaknesses in the work quality, i.e. it undertakes measures to assure efficiency and consistency of professional work for the future.

Students are also given the opportunity to express their satisfaction with the work of professional services that are involved in the studying process, such as the Office for Student Affairs and the Library (students use the services of the Faculty of Education library). The evaluation is conducted periodically by anonymous surveys carried out among all students, and the obtained results are also elaborated by the Quality Assurance Board and presented to the Faculty Management Board.

There are meetings of professional staff and representatives of the Management Board held monthly, to discuss feedback from employees, which is valuable information in deciding on further activities and action plans directed towards improvement of the Faculty quality.

3. GENERAL INFORMATION ABOUT THE STUDY PROGRAMME

3.1. NAME OF THE STUDY PROGRAMME

Undergraduate University Study Programme of Kinesiology

3.2. HOLDER / PROVIDER OF THE STUDY PROGRAMME

Josip Juraj Strossmayer University of Osijek / Faculty of Kinesiology

3.3. STUDY PROGRAMME TYPE (professional or university)

University study programme

3.4. LEVEL OF STUDY

1-1 university undergraduate

(1 - professional undergraduate / 2 - professional graduate level,
1 - university undergraduate / 2 - university graduate level,
3 - postgraduate professional or postgraduate university level)

3.5. SCIENTIFIC OR ARTISTIC FIELD

Social Sciences

3.6. SCIENTIFIC OR ARTISTIC AREA

Area of Kinesiology (5.10)

3.7. SCIENTIFIC OR ARTISTIC BRANCH

5.10.01 Systematic Kinesiology
5.10.02 Kinesiology of Sports
5.10.04 Kinesiology Recreation
5.10.05 Kinesitherapy and Personalised Physical Activity

3.8. ADMISSION CRITERIA

The study can be enrolled by applicants who have completed 4-year secondary school education and who present a medical certificate on health condition. They also need to pass competency exam in order to get admission to the study. Applicants who attended the fourth secondary school grade in the school year 2009/2010, as well as younger generations, have to

pass obligatory State Matura exams in Croatian language, foreign language and in Mathematics at the lower level (B).

Admission is granted to applicants who have successfully passed competency exam and fulfilled the above-mentioned criteria, until the admission quota is reached.

The evaluation of the achieved results and ranking list of applicants for admission to the study programme is based on the following criteria:

	Percentage
1. evaluation of success achieved during high school education	24%
2. evaluation of success achieved at State Matura exams	36%
	Level
2.1. Croatian Language	B 15%
2.2. Mathematics	B 11%
2.3. Foreign Language	B 10%
3. success at competency exam referring to specific motor skills	40%

ADMISSION PROCEDURE

All applicants that apply for admission to the study programme need to pass competency exam according to specific classification procedure, as follows:

1. assessment of medical conditions (elimination criterion)
2. assessment of swimming skills (elimination criterion)
3. assessment of specific motor skills.

The assessment of medical conditions is made on the basis of a medical check-up, which all applicants perform independently with an occupational physician.

Specific motor skills are tested by determined motor tests.

The ranking list of applicants admitted to the study is compiled according to the following system of awarding points:

a) based on the assessment of specific motor skills, applicants can achieve up to 400 points (up to 40% of total number of points)

Applicants who do not achieve minimum point threshold of 150 points for the criterion of specific motor skills testing cannot be accepted to the study.

b) based on the evaluation of success achieved during high school education, applicants can achieve up to 240 points (up to 24% of total number of points)

Evaluation of success achieved during high school education is ranked according to overall grade point average that each applicant achieved in each school year, as follows:

grade excellent	60 points
grade very good	50 points
grade good	40 points
grade sufficient	20 points

c) based on the evaluation of success achieved at State Matura exams, applicants can achieve up to 360 points (up to 36% of total number of points), as follows:

Croatian Language	150 points
Mathematics	110 points
Foreign Language	100 points

Direct admission to the Undergraduate University Study Programme of Kinesiology is granted to applicants that are categorised as top Croatian athletes (athletes of the 1st and 2nd categories), under the precondition of proving medical fitness and swimming skills.

Elimination criteria are: medically confirmed disability, unsatisfactory swimming skills and unachieved minimum point threshold at assessment of specific motor skills.

3.9. DURATION OF STUDY (IN SEMESTERS) AND TOTAL NUMBER OF ECTS CREDITS

The Undergraduate University Study Programme of Kinesiology lasts for three years (six semesters), and upon completion, students are awarded 180 ECTS credits.

3.10. ACADEMIC/PROFESSIONAL TITLE EARNED UPON COMPLETION OF THE STUDY

Upon completion of the Undergraduate University Study Programme of Kinesiology, students are awarded 180 ECTS credits and the corresponding academic title:

- University Bachelor (BACCALAUREUS/BACCALAUREA) of Kinesiology (Croatian abbreviation: univ. bacc. cin.)

In addition, graduates also obtain specific additional competence in accordance with the chosen elective module of the study programme, which enables them to work in one of the areas of applied kinesiology, such as various sports, kinesiological recreation and fitness, kinesitherapy or physical conditioning, as follows:

- module in chosen Sport discipline (e.g. athletics, basketball, football, swimming, etc.);
- module in Physical Conditioning of athletes;
- module in Kinesiological Recreation and Fitness;
- module in Kinesitherapy.

3.11. ANALYSIS OF THE STUDY PROGRAMME COMPLIANCE WITH HEI'S STRATEGIC GOALS

In attachment, there is the section III.1.5.1. Reorganisation of study programmes and establishment of new study programmes from the Strategy of Josip Juraj Strossmayer University of Osijek 2011-2020, which is taken as a basis for proving alignment of the Undergraduate University Study Programme of Kinesiology with the strategic goals of the higher education institution, as follows:

In accordance with the established strategic objectives of higher education and for the further implementation of the Bologna Process, it is necessary to perform a comprehensive analysis of study programmes in the next three-year period, based on the Act on Quality Assurance in Science and Higher Education (*Official Gazette* 45/09), and the Ordinance on the Content of a Licence and Conditions for Issuing a Licence for Performing Higher Education Activity, Carrying out a Study Programme and Re-Accreditation of Higher Education Institutions (*Official Gazette* 24/10). Based on a comprehensive analysis of study programmes, in the next five-year period, it is necessary to reorganise the Graduate University Study Programme of Kinesiology Education to make it aligned with European trends in higher education and to adjust admission quotas to the labour market demands and regional community needs. According to the labour market demands, in the next five-year period, it is necessary to establish new graduate study programmes, such as study programmes in Management of Sports, Sports Science, and Health Kinesiology.

As of the above-mentioned Strategy of Josip Juraj Strossmayer University of Osijek 2011-2020, it is determined that the Undergraduate University Study Programme of Kinesiology is, in terms of professional, developmental and human resources issues, a predecessor of the Graduate University Study Programme of Kinesiology Education, which is also organised at the Faculty of Kinesiology Osijek. Within the Graduate University Study Programme of Kinesiology Education, students acquire necessary competencies for teaching physical education as a school subject at all levels of education (from preschool to higher education).

3.12. COMPETENCIES ACQUIRED BY STUDENTS UPON COMPLETION OF THE PROPOSED STUDY AND JOB QUALIFICATIONS

Upon completion of the Undergraduate University Study Programme of Kinesiology, students acquire general professional competencies and qualifications for working in the field of sports (as coaches), in the field of training and physical conditioning of athletes (as fitness trainers in various sports), in the field of kinesiological recreation and fitness (as coordinators of recreational and fitness programmes performed as a leisure for all age groups of people, at various institutions, organisations and companies), in the field of kinesitherapy and personalised physical activities (as coordinators of kinesitherapy programmes and personalised physical activity programmes).

University bachelors of kinesiology are competent to perform physical training based on professional approach and scientific knowledge about the process of exercising and to evaluate expected kinesiological effects, to manage transformational processes in accomplishment of physical fitness and optimal sports results, and to provide support in improvements and maintenance of health of participants in kinesiological activities.

Upon completion of the Undergraduate University Study Programme of Kinesiology, students will acquire competencies and skills that will enable them to successfully devise and implement training plans in various sports, in kinesiological recreation and fitness, in physical conditioning of athletes, in kinesitherapy, as well as to manage human, financial and spatial resources that are of importance for successful kinesiology work.

Obligatory courses referring to basic kinesiology disciplines and interdisciplinary fields shall enable students to successfully acquire the following competencies:

1. Studying general laws of human movement, management of exercise processes and studying of consequences that these processes have on the human body.
2. Applying knowledge about historical factors of sports development and theory of training.
3. Acquiring basic knowledge in biomedical disciplines about anthropological characteristics of sports participants (competitive sports, physical conditioning of athletes), kinesiology recreation and fitness, kinesitherapy.
4. Acquiring basic knowledge in social-humanistic scientific-teaching disciplines about psychological-pedagogical-sociological factors of physical exercise process and teaching
5. Knowledge required for analysis of kinesiological activities that represent the content of the training process and the process of recreational exercise.
6. Understanding and applying basic statistical and kinesiometric procedures for measuring basic and specific abilities and characteristics of participants involved in various programmes of physical exercise and sports.
7. Knowledge about dangers and consequences of overloading children in the processes of physical exercise and sports.
8. Managing and performing organisational work in various sports organisations.
9. Applying theoretical and methodological knowledge for the purpose of developing and implementing plans for transformation processes in the field of sports and sports recreation.
10. Knowledge and use of basic kinesiological terminology in English acquired by working on professional texts.

Elective study programme modules will enable students to acquire additional competencies and skills necessary for quality performance of professional tasks in the study modules of sports, kinesiological recreation and fitness, physical conditioning of athletes and kinesiotherapy:

1. Planning, programming, performing and controlling training work in the chosen sport discipline with people of different gender, age (from children to adults) and different qualities (from beginners to top athletes).
2. Planning, devising, performing and controlling various sports, recreational and fitness programmes for adults predominantly.
3. Implementation of various physical conditioning programmes based on planning, performing and controlling the process of physical conditioning in different sports with athletes of different age, gender and qualities, as well as with other participants.
4. Planning, programming, implementation and evaluation of kinesiotherapy interventions based on functional status and in accordance with the individual needs of users, for the purpose of preventing and rehabilitating injuries, damages, diseases and disorders of various organ systems of the human body.

3.13. MECHANISM OF VERTICAL MOBILITY OF STUDENTS IN THE NATIONAL AND INTERNATIONAL HIGHER EDUCATION AREA

(If the proposal refers to the first level of professional or university studies, then it is stated which professional graduate studies or university graduate studies students can enrol at the home HEI that organises the study programme and/or at some other HEI in the Republic of Croatia)

The Faculty of Kinesiology of Josip Juraj Strossmayer University of Osijek established the Graduate University Study Programme of Kinesiology Education. It also reorganised and amended the Undergraduate University Study Programme of Kinesiology, and after first generation of students graduates from the Graduate University Study Programme of Kinesiology Education, the study programme quality will be analysed for the purpose of its improvement.

The Graduate University Study Programme of Kinesiology Education is devised methodologically and systematically as a logical follow-up of this Undergraduate University Study Programme of Kinesiology. Referring to specialisation areas, the Faculty plans to develop graduate study programmes in Health Kinesiology, Sports Management, and Sports Sciences in the future.

After completion of the Undergraduate University Study Program of Kinesiology at the Faculty of Kinesiology Osijek, students have acquired adequate and broad knowledge and skills in the field of applied kinesiology, which enable them to continue their graduate studies at institutions offering study programmes in kinesiology, both in Croatia and in neighbouring countries, as well as in the European Union member states.

At national level, students can continue with studying at the specialist graduate study of kinesiology delivered by the Faculty of Kinesiology of the University of Zagreb and at the university graduate study of kinesiology delivered by the Faculty of Kinesiology of the University of Split.

In neighbouring countries, students can continue with studying at graduate (master) level that are performed by the University of Ljubljana and by the Semmelweis University in Budapest. Referring to realisation of the study programme, the Faculty of Kinesiology Osijek shall establish bilateral and/or multilateral cooperation with other Croatian and European HEIs that offer studies in Kinesiology, so that student mobility will be facilitated for the purpose of providing a framework for completion of one part of the study programme at other Croatian or European universities. In this way, students can have a diversified curriculum tailored to their

individual interests. The Undergraduate University Study Programme of Kinesiology provides the possibility of horizontal and vertical mobility of students at the University level, as well as within Croatian and European higher education system.

This study programme is open to students and teachers of all partner universities. It is expected to achieve intensive cooperation in exchanges of students and teachers in each semester, and to facilitate visiting lectures given by guest professors from partner universities, either individually or within modules and programme orientations, as well as in form of joint lecturing in individual courses, joint seminars, workshops, distance teaching and study visits, as agreed with partner universities.

3.14. CONNECTION OF THE PROPOSED STUDY PROGRAMME WITH FUNDAMENTAL MODERN SKILLS AND PROFESSION

Kinesiology is the science that studies the laws of controlled exercise process and their consequences on human body. Every scientific field, therefore Kinesiology as well, does not rely on a concept, but on knowledge that is based on a valid methodology of work that facilitates the verification of certain laws. Kinesiology as a science is focused on the process of exercise for the purpose of:

1. health improvement;
2. optimal development and maintenance of human characteristics, abilities and motor skills at the highest possible level;
3. prevention of premature decline of certain anthropological characteristics and motor skills, and
4. maximum development of characteristics and abilities within competitively oriented kinesiological activities.

Insufficient movement and low physical activity, which are a consequence of a modern lifestyle, put all groups of population at risk. The trend of reduced muscle activity in everyday life is increasing. Such trend is expected to grow due to technological advancement, both globally and in our country. Such trend, even if we do not consider the goal as a measure of kinesiological or non-kinesiological activity, cannot be a sufficient stimulus for, for example, improvement of health, optimal changes in anthropological characteristics, abilities and motor skills, and other goals of kinesiological activity.

On the contrary, kinesiological activity that is directed toward the stated goals shall enable greater work efficiency. Applied areas of kinesiology are based on such division of goals into four parts, being education, recreation, sports and kinesitherapy.

The Undergraduate University Study Program of Kinesiology provides education of university bachelors to enable them for professional work in the applied areas of kinesiology based on the basic knowledge in kinesiology as a science.

Kinesiology disposes of tools for collection and processing of information and data obtained within research. As a science that deals with management of exercise processes, it includes elements of the system that manages, as well as of the system that is used for management, and applies kinesiological stimuli that are a set of kinesiological operators - exercises and energy required for adaptation processes. Significant subject of interest in kinesiology is the study of consequences that exercises have on the human body, i.e. on changes in various human characteristics, abilities and motor skills. Along with the mentioned concerns about health, prevention of premature decline of certain anthropological characteristics and motor skills is the goal that is strongly associated with recreation, as well as with optimal development and maintenance of human characteristics, abilities, motor skills at the highest possible level.

3.15. CONNECTION OF THE STUDY PROGRAMME WITH LOCAL COMMUNITY NEEDS (ECONOMY SECTOR, ENTREPRENEURSHIP, CIVIL SOCIETY, ETC.)

According to the opinion of the National Competitiveness Council, as well as the National Foundation for Science, Higher Education and Technological Development of the Republic of Croatia, it is necessary to increase the number of highly educated citizens in Croatia to at least 30%, because the current number of graduates is almost three times lower than the number required for faster economic growth.

Investments into education, especially into higher education, contribute to solving the issue of unemployment, which is in Croatia still high, especially in the area of Eastern Slavonia. In the circumstances of globalisation, permanent employability can be achieved only through continuous education and lifelong learning. However, in this aspect, Croatia lags behind the European average; only 2.3% of Croatian working population participates in some lifelong learning programmes, compared to 10.8% in the EU, or more than 40% in the USA. Organisation of the undergraduate full-time and part-time university study programme in Kinesiology is perceived as a contribution to the increase in percentage of working population in Eastern Slavonia that participates in lifelong learning programmes. When we talk about the connection of professional staff in the field of sports with the economy sector, it is necessary to point out the following facts.

Funds for financing sports activities in the Republic of Croatia are provided by private and public sources. The public sector supports sports activities by identifying the needs and providing financial resources to meet public needs in sports. The beneficiaries of these funds are sports associations, athletes, and institutions that manage sports infrastructure. Public funds are awarded to entities in sports sector for financing of public sports programmes, or they are awarded through various calls for project proposals for funding of sports projects and programmes. Such calls are announced by the ministry in charge of sports (Ministry of Tourism and Sport), Croatian Olympic Committee, national sports federations or local self-government units.

The Ministry of Tourism and Sport determines objectives for the National Sports Programme 2019-2026, which are: to assure preconditions for development of sports; to improve health-oriented physical exercise and to increase the promotional values of sports; to improve the care of athletes; to establish a systematic and rational approach to sustainable management of sports infrastructure, to improve the care of professional staff; to improve the sports management system. Considering the fact that there are slightly less than 3000 registered sports associations in Eastern Slavonia (Croatian Bureau of Statistics, 2012), yet on average 40% of professional workers in sports in the Republic of Croatia do not meet the legal requirements for performing jobs of coaches, it is concluded that there is a great demand in the local community for this type of study programme.

According to a survey conducted within the project of the Institute for the Development of Education, 52.6% of Croatian students are mostly or completely dissatisfied with the available information on opportunities in higher education and about employment after graduation. The information available to students are mainly provided by several sources at the university (by other students and professors) and outside the university (family and other contacts outside the university).

By pursuing the public policies of linking higher education with the labour market, Josip Juraj Strossmayer University of Osijek established a career counselling service in 2008. This service facilitates student guidance and provides professional advice on career opportunities, based on which students are better prepared for efficiently transition to the labour market.

3.16. EVALUATION OF STUDENT EMPLOYABILITY AFTER GRADUATION, INCLUDING OPINIONS OF THREE ORGANIZATIONS ASSOCIATED WITH THE LABOUR MARKET (E.G. PROFESSIONAL ASSOCIATIONS, EMPLOYERS OR THEIR ASSOCIATIONS, UNIONS, PUBLIC SERVICES) ON THE SUITABILITY OF ACQUIRED LEARNING OUTCOMES FOR THE LABOUR MARKET

The Undergraduate University Study Programme of Kinesiology the first study of such type in eastern part of the Republic of Croatia delivered by the Faculty of Kinesiology of Josip Juraj Strossmayer University of Osijek. According to the study *Financing of Sports in the Republic of Croatia with comparative overview of financing in the European Union* performed by the Institute of Public Finance, and commissioned by the Ministry of Science, Education and Sports, the following information is stated (MSES, 2012): Nowadays, sport is recognised as a fast-growing economic area with great potential for creation of job positions in the EU countries. Available statistical data from several European countries show that the number of jobs classified under sports activities has tripled since 1980 and that such trend is continuing (European Network of Sport, Science, Education and Employment, 1999).

In accordance with the Sports Act, the National Sports Programme also contains plans for provision of conditions for organisation of sports in the education system.

In the educational system of the Republic of Croatia, sport is integrated in the obligatory teaching within the subject of Physical Education in primary schools, secondary schools and in the first two years of higher education. Although there is an obligation to conduct sports activities in preschool education, in practice it is often not conducted systematically and regularly. If knowing that the foundations for child development are made from the earliest age, it is more than necessary to perform physical exercise on a daily basis. Kinesiologists as professionals are not involved in regular preschool education, although motor skills are considered as one of the key competences, so it is desirable to start developing them at preschool age (according to the recommendations of the Council of Europe and the European Parliament from 2006).

Since 2017, in the Republic of Croatia, there are 20 school sports association at the county level and one school sports association of the City of Zagreb. When referring to the level of the city of Osijek, in 2020 there were 127 sports clubs performing 43 types of sports. Preparation of the Sports Development Strategy of the City of Osijek 2020-2030, which shall serve as a strategic document with an action plan in the field of sports, involved surveying of 272 coaches in clubs and associations to determine that only 35.26% of coaches hold some kind of higher education qualification in the field of kinesiology. It can be concluded that there is a lack of qualified staff who are able to perform coaching duties in sports in the city of Osijek. Therefore, one of key challenges in the future will be directed toward the increase of the qualifications level of staff working in sports sector. It is necessary to provide additional educational programmes, predominantly at higher education level, which would enable coaches to acquire additional competencies, and to raise quality of their work with athletes.

In its Articles 9 and 10, the Sports Act defines the term of professional staff in sports, such as coaches and as persons qualified to work in sports (instructors, coordinators, etc.). In the pyramid of professional staff in sports, coaches are placed first as they refer to basic professional staff in sports. In sports not regulated by umbrella European or world associations in terms of licensing, planning and performing trainings of athletes may be performed only by persons who have obtained higher education qualification, except in cases of persons who won medals at the Olympic Games, at world or European championships, or persons have at least fifteen years of experience as coaches and who have been professionally trained for coaching by an authorized institution. According to the study published by the European Commission "Study on sport qualifications acquired through sport organisations and (sport) educational institutes" (hereinafter: the Study), the Republic of Croatia is one of

the European Union member states with many coaches who complete bachelor-level studies annually, which places Croatia among a few countries who offer formal education in sports for professional staff. Nevertheless, Croatia still lacks qualified professional staff in sports. There is a high demand for coaches, and in order to protect coaching as a profession, it is necessary to reduce the number of coaches who work in sports without professional qualifications, meaning that the National Sports Programme needs to provide conditions for unqualified staff who work in sports to acquire appropriate qualifications.

Professional jobs and professional staff make a basis of the European sports labour market. That is why various national authorities and EU institutions pay great attention to development of professional human resources in sports. Various decision-making bodies at the EU level (European Parliament, European Commission and the EU Council), as well as other European institutions (Council of Europe) and many European non-governmental organisations (e.g. European Non-Governmental Sports Organisation – ENGSO, European Network of Sport Science, Education & Employment – ENSSEE, European Observatoire of Sport and Employment – EOSE, European Association of Sport Employers – EASE, European Coaching Council – ECC, etc.), have adopted documents and decisions and conducted several research projects that partially or fully deal with professional staff in sports, their status, education, employment and other issues.

The total number of employed in sports in the Republic of Croatia and the percentage of employees in sports in relation to total workforce and total number of employed in legal entities indicates that the sports sector is a stable and continuously growing labour market area.

In a total number of coaches working in Croatia, 62.8% of coaches fulfil the requirements determined by the Sports Act and are qualified to work as coaches. At the moment, the most educated coaches in the Republic of Croatia are those who graduated from the university study of kinesiology, however, their share refers to only 24.8% in a total number of qualified coaches. In the structure of qualified basic coaching staff, as defined by the Sports Act, there are the least of coaches with bachelor degrees, since there are only 22.9% of them in the structure of qualified coaches. Other qualified persons who perform professional work in sports do not have a professional qualification, but they fulfil conditions for performing professional work, as determined by the Sports Act (they have won medals at world or European championships and the Olympic Games, or are qualified by a license issued by an umbrella European or world sports federation) (Čustonja, Jukić and Milanović, 2011).

Creation of new job positions in sports would increase the percentage of employees in sports in relation to total workforce in the Republic of Croatia, thus placing Croatia in the group of European countries with a more favourable share of employees in sports in the total workforce.

In the Study, among other things, the following measures are determined to contribute to professional development and employability of staff in sports:

- Donations from public sources should be limited for those sports clubs that do not meet the conditions for performing sports activities because they do not employ staff, especially professional staff for performing professional activities in sports.
- It is necessary to determine the minimum ratio of external associates and employed staff who perform professional work in order to encourage employment.
- Encouraging employment and creating of job positions in the educational system refer also to employment of kinesiology teachers in preschool institutions and in primary schools.
- In order to encourage employment in sports, it is necessary to carry out an analysis of all jobs in sports, to determine the interest of young athletes to continue their careers in sports, to determine the interest of former athletes to work in sports, and ***to cooperate with educational institutions at various levels to propose educational programmes, distance-learning programmes and lifelong learning programmes that facilitate employment in sports.***

The School Sports Association of the City of Osijek expressed the opinion that the region of Eastern Slavonia has been demanding this study programme for many years, and the graduates from the undergraduate study programme of Kinesiology will significantly contribute to the quality of sports coaching of youth. Bachelors of Kinesiology will be employed in school sports in primary and secondary schools, where they will cooperate with masters of kinesiology and masters of primary education to contribute in working with children. Furthermore, they can work in sports clubs, since such a profile of staff is necessary to create the training process in accordance with the postulates of the profession, especially in training of children and youth.

Association for Sports Recreation “Sports for All” expressed the opinion that the region is in obvious deficit of professional staff who can work in sports recreation, in terms of planning and organising the entire process of recreational activities for citizens or companies. Recreation of employees, organisation of leisure, team building, etc. have become an inevitable part of good business ethics in all companies, and in this sense, bachelors of kinesiology, especially with specialisation in sports recreation are indispensable in implementation of such activities.

Croatian Red Cross Osijek City Branch considers bachelors of kinesiology, especially with specialisation in sports recreation, as moderators of free time for children that attend the programmes of the Red Cross in its resorts, and also as coordinators of all programmes planned by the Society (summer holidays, winter holidays, swim schools).

3.17. COMPARABILITY OF THE PROPOSED STUDY PROGRAMME WITH ACCREDITED PROGRAMMES DELIVERED BY PROMINENT FOREIGN HIGHER EDUCATION INSTITUTIONS IN THE EU

Learning outcomes and competencies provided by this Undergraduate University Study Programme of Kinesiology are also contained in undergraduate professional and university study programmes offered by some national universities and neighbouring European universities (University of Zagreb, Croatia; University of Ljubljana, Slovenia; University of Belgrade, Serbia, etc.). Their study programmes in kinesiology are devised to educate students in sports and sports recreation in accordance with contemporary trends.

Almost all above-mentioned university study programmes offer the same or similar modules for professional education: sport (sports coaches), kinesiological recreation and fitness, physical conditioning, and kinesitherapy. Internal structure of the study programme with its schedule and the number of ECTS credits is also compatible with other study programmes delivered by the Croatian and European Universities:

- Faculty of Kinesiology, University of Zagreb, Croatia (<http://www.kif.unizg.hr>)
- Faculty of Kinesiology, University of Split, Croatia (<http://www.kifst.unist.hr>)
- Faculty of Sports and Physical Education, University of Sarajevo, Bosnia and Herzegovina (<http://www.fasto.unsa.ba>)
- Faculty of Sport, University of Ljubljana, Slovenia (http://www.fsp.unilj.si/study/uni_bachelorsdegree)
- Faculty of Sports and Tourism, University of Novi Sad, Serbia (<http://www.tims.edu.rs>)
- Faculty of Sports and Physical Education, University of Montenegro Nikšić, Montenegro, (<http://www.ucg.ac.me>)
- Faculty of Physical Education and Sports, Comenius University, Bratislava, Slovakia

- (<https://www.fsport.uniba.sk>)
- Faculty of Sports, University of Presov, Slovakia (<http://www.unipro.sk.Faculty-of-sports>)
- Semmelweis University, Budapest, Hungary (<http://semmelweis.hu/english/education/academicprogrammes/physical-ducation-and-sport-sciences/>)
- Józef Piłsudski University of Physical Education in Warsaw, Poland (http://awf.edu.pl/page8_2_1.html)

Within 6 semesters and 1900 – 2500 teaching hours, the above-listed study programmes provide 180 ECTS credits in total. They comprise 30-40 courses covering scientific areas of social, natural, biomedical and sports sciences.

Upon completion of the Undergraduate University Study Programme of Kinesiology, graduates are awarded an academic bachelor degree and have a possibility to continue vertical education at graduate (master-level) studies. Comparison of the Undergraduate University Study Programme of Kinesiology offered by the Faculty of Kinesiology Osijek with related foreign accredited study programmes proved that the study programmes are compatible at the level of course contents and practice teaching in the applied areas of kinesiology. Such compatibility facilitates better mobility of students of the Faculty of Kinesiology Osijek to European universities.

3.18. PRIOR EXPERIENCE OF THE PROPOSER IN IMPLEMENTATION OF THE SAME OR SIMILAR PROFESSIONAL/UNIVERSITY STUDY PROGRAMMES

The University of Osijek inherits a three-century-long history of higher education in Osijek, and nowadays it is one of nine Croatian universities. The University of Osijek plays a significant role in the development of Eastern Croatia by educating teachers, engineers in technical and biotechnical sciences, as well as economists, lawyers, medical doctors, theologians and artists.

Teaching at the University is organised within 110 university studies, of which 47 are undergraduate, 57 are graduate, and six studies are integrated undergraduate and graduate studies. There are also 10 undergraduate professional studies and 2 graduate professional specialist studies. The Osijek academic community consists of 22,952 members, of whom 977 teachers and associates, and 69 laboratory technicians and technicians. There are 115 young scientists trained for research work, 293 administrative staff and 142 maintenance staff.

The largest number of professional study programmes is organised in the scientific field of biotechnical sciences (45%), followed by studies in the scientific field of social sciences (33%) and studies in the scientific field of technical sciences (22%). Professional studies take a share of less than 10% of all study programmes, so the ratio of university studies and professional studies at the University of Osijek is 90% : 10%. All study programmes are organised according to the Act on Scientific Activity and Higher Education (Official Gazette 123/03, 198/03, 105/04, 174/04, 46/07 and 63/11, 94/13, 101/14, 60/15, 131/17), and are accredited by the Minister of science, education and sports. All study programmes also comply with provisions of the Act on Quality Assurance in Science and Higher Education (Official Gazette 45/09), as stipulated in the University Senate's Decision.

In the SWOT analysis contained in the Strategy of Josip Juraj Strossmayer University of Osijek 2011-2020, there are the following University strengths stated, all of which are applicable to the proposed study programme:

- Support by and reputation in the local and academic community;
- Long-term successful business cooperation with the regional economy sector;

- New study programme devised to contribute to economic development;
- Transparent admission criteria and clear enrolment procedure;
- Young teaching and research staff;
- More than 80% of teaching activities is realised by own staff;
- ISVU software used in administration of student affairs;
- Development and stimulation of excellence in teaching and research - established Quality Assurance Board;
- New premises and equipment for teaching and scientific work - laboratory practices and practical work during teaching at most courses, computer-supported research and education;
- Cooperation with other universities - visiting lecturers;
- Organisation of courses for business people - a well-developed system of lifelong learning;
- Large library collection - library opening hours are adjusted to students' needs.

3.19. PARTNERS OUTSIDE THE HIGHER EDUCATION SYSTEM (ECONOMY SECTOR, PUBLIC SECTOR, ETC.) THAT SHALL PARTICIPATE IN THE DELIVERY OF THE PROPOSED STUDY PROGRAMME

Due to specific practical teaching and the contents of practical courses delivered within the Undergraduate University Study Programme of Kinesiology, cooperation with Športski objekti Ltd. (in English: Sports Facilities Ltd.) and its majority owner, the City of Osijek, is of great importance. Since Josip Juraj Strossmayer University of Osijek has developed a long-term cooperation with Športski objekti Ltd. with respect to using sports facilities in teaching of the Physical Education course, as well as in organisation of university sports competitions, it is expected that this cooperation will continue also with the Faculty of Kinesiology Osijek.

Within its Action Plan, the Committee for Sports and Physical Education of Josip Juraj Strossmayer University of Osijek shall initiate and support this form of business cooperation by integration of all sports facilities' users at the University, Faculty of Kinesiology Osijek and Športski objekti Ltd.

Due to the great demand for educated professional staff in the field of sports, it can be expected that the national, county and local sports federations of the counties of Vukovar-Syrmia, Požega-Slavonia, Brod-Posavina, Virovitica-Podravina and Osijek-Baranja will act as partners in the delivery of the proposed study programme.

These partners are:

- Croatian Olympic Committee
- Croatian Paralympic Committee
- Croatian Deaf Sports Association
- National federations of various sports
- Croatian Association for Sports Recreation "Sports for All"
- Centre for Preschool Education Osijek
- Vukovar-Syrmia County Sports Federation
- Community of sports associations and federations of Požega-Slavonia County
- Community of sports associations of Brod-Posavina County
- Virovitica-Podravina County Sports Association
- School Sports Association of Osijek-Baranja County
- The Osijek-Baranja County Sports Association and its affiliated members:
 - Community of sports associations of the city of Osijek
 - Community of sports associations of the city of Belišće

- Community of sports associations of the city of Beli Manastir
- Community of sports associations of the city of Donji Miholjac
- Community of sports associations of the city of Đakovo
- Sports association of the city of Našice
- Community of sports associations of the city of Valpovo.

3.20. PROCESSES FOR DEVELOPMENT OF HEI'S INTERNATIONAL COOPERATION

International and interuniversity cooperation of Josip Juraj Strossmayer University of Osijek is realised within bilateral agreements, within international university networks, international scientific and professional research projects supported by the European Commission, as well as within cooperation at the level of scientific-educational and artistic-educational constituents of the University and international activities of student associations.

International and bilateral cooperation of Josip Juraj Strossmayer University of Osijek clearly shows the University orientation toward internationalisation and involvement into the European educational and research areas. Up to present, the University established 36 bilateral agreements with higher education and research institutions in 15 countries. Each constituent member of the University also realises its own bilateral cooperation within separate bilateral agreements.

Further widening and strengthening of international cooperation with international partner institutions in Europe and worldwide, and encouraging international mobility of students, teachers and non-teaching staff within the European programmes are priority areas for international cooperation development at the University level, as determined in the Strategy of Josip Juraj Strossmayer University of Osijek.

In the following period, it is planned to:

- strengthen and deepen activities in the field of international exchange of teachers, students and administrative staff
- increase the number of students and teachers participating in the Erasmus+ programme
- increase the number of scientific research projects supported by the European Commission
- expand activities of the professional guidance service (Career Service)
- strengthen cooperation with employers and the labour market
- improve the interdisciplinary approach to cooperation with international organisations by realising research, teaching and professional activities of international character
- continuously promote professional training of employees working in international cooperation and
- participate in international lifelong learning programmes.

Administrative support provided by the University International Relations Office is the basis for successful achievement of the above-mentioned strategic goals.

3.21. ALIGNMENT OF THE STUDY PROGRAMME WITH MINIMUM QUALIFICATION CONDITIONS PRESCRIBED BY THE EUROPEAN PARLIAMENT AND COUNCIL FOR THE RECOGNITION OF PROFESSIONAL QUALIFICATIONS, DIRECTIVE 2005/36/EC, DATED 7 SEPTEMBER 2005, AND BY THE ACT ON REGULATED PROFESSIONS AND RECOGNITION OF FOREIGN PROFESSIONAL QUALIFICATIONS

Upon completion of the Undergraduate University Study Programme of Kinesiology, students acquire the academic degree of Bachelor (baccalaureus/ea) of Kinesiology. In addition, bachelors also obtain specific additional competence in accordance with the chosen elective

module of the study programme, which enables them to work in one of the areas of applied kinesiology, such as various sports, kinesiological recreation and fitness, kinesitherapy or physical conditioning, as follows:

- module in chosen Sport discipline (e.g. athletics, basketball, football, swimming, etc.);
- module in Physical Conditioning of athletes;
- module in Kinesiological Recreation and Fitness;
- module in Kinesitherapy.

Upon completion of the Undergraduate University Study Programme of Kinesiology, students acquire general professional competencies and qualifications for working in the field of sports (as coaches), in the field of recreation and fitness (as coordinators of recreational and fitness programmes performed as a leisure for all ages of people, at various institutions, organisations and companies), in the field of physical conditioning of athletes (as fitness trainers), in the field of kinesitherapy (as coordinators of kinesitherapy programmes and personalised physical activity programmes).

According to the DATABASE ON THE REGULATED PROFESSIONS IN THE REPUBLIC OF CROATIA (pursuant to Article 72, item 1 of the Act on Regulated Professions and Recognition of Foreign Professional Qualifications - Official Gazette 124/09, 45/11, 74/14), this qualification is classified as:

Ord. No.	Group of professions - name of regulated profession	Authorised body	Legal act based on which the profession is regulated
61	Regulated profession in the field of sports: - Sports coach - Sports teacher / instructor - Sports coordinator	Ministry of Tourism and Sport	Sports Act (Official Gazette 71/06, 150/08, 124/10, 124/11, 86/12, 94/13, 85/15, 19/16, 98/19, 47/20, 77/20)

National Classification of Occupations 2010 (Official Gazette 147/10, 14/11), which entered into force on 1 January 2011, determines the elementary structure of occupations in sports. There is one subtype of occupation referring to sport – 342 Sports and fitness workers, and four groups of occupations: a) 1431 Sports, recreation and cultural centre managers, b) 3421 Athletes and sports players, c) 3422 Sports coaches, sports instructors, and d) 3423 Fitness and recreation instructors and sports programmes coordinators. It should be noted that this classification is based on elementary structure of employees in sports, so it does not recognise many other occupations present in the sports system.

The Sports Act (Official Gazette 71/06, 150/08, 124/10, 124/11, 86/12, 19/16, 98/19, 47/20, 77/20) defines the structure of professional jobs in sports. According to the Article 59, item 1 of the Sports Act, professional jobs in sports are: 1. planning and conducting training programmes; 2. planning and conducting sports education for children and youth in sports schools; 3. planning and conducting recreational sports; 4. planning and conducting extracurricular sports activities; and 5. teaching people about the basic techniques of a particular sport. This refers to basic division of professional jobs in sports. Such a division is justified only if we take into account the fact that the legislator has provided a framework for adoption of an additional ordinance on educational degrees, i.e. on professional qualifications required to perform professional work in sports according to the type and complexity of work (Sports Act, Article 60, item 5). However, such ordinance has not been adopted so far.

The Sports Act of 2006 was the first document in the Republic of Croatia to particularly define the term of coaches as persons that plan and carry out sports trainings, sports recreation and sports instructions. In order to perform such work, the Act determines that coaches must have a degree corresponding to university bachelor level qualifications.

Since the Undergraduate University Study Programme of Kinesiology shall educate experts in coaching within various sports disciplines and provide them with a bachelor degree, they will be qualified to perform such jobs.

Legal acts that regulate this profession more widely are:

The Act on Preschool Education (Official Gazette 10/97, 107/07, 94/13, 98/19), Article 15.

(a) stipulates that kindergartens deal, among others, with

- programmes of early foreign language learning, and other artistic, cultural, religious and sports programmes.

(3) Programmes addressed in the item 1 and 2 of this Article are approved by the Ministry in charge for education.

The institution authorised for regulation of the stated profession is the Ministry of Science, Education and Sports, which, in the procedure of approving sports programmes in preschool education, requires, among other things:

- a proof of professional competence of the author that wrote sports programme and of the coordinator that shall carry out the sports programme - Sports Act, Article 9, item 2, Article 59, Article 60 and Article 90, item 1 (Official Gazette 71/06, 124/10, 124/11, 86/12, 94/13, 85/15, 19/16, 98/19, 47/20, 77/20)

Article 9, item 2:

- (2) a coach needs to have at least a bachelor degree in coaching, as determined by a special regulation.

Article 59:

Professional jobs in sports, as defined by the Act, are the following:

- planning and conducting training programmes
- planning and conducting sports education for children and youth in sports schools
- planning and conducting recreational sports
- planning and conducting extracurricular sports activities
- teaching people about the basic techniques of a particular sport.

Article 60:

(1) professional work in sports defined by the Article 59, paragraph 1 and 2 of this Act may be performed by persons who have appropriate qualification at least at the level of bachelor coaches and by persons trained by a training institution within a license programme approved by an umbrella world or European association of a particular sport.

(2) professional work in sports defined by the Article 59, paragraph 3 of this Act may be performed by persons who have appropriate qualification at least at the level of a bachelor coach.

(3) professional work in sports defined by the Article 59, paragraph 4 of this Act can be performed by persons who have appropriate qualification at the level of university studies and who fulfil requirements for a teacher of physical education, in accordance with a special regulation.

(4) professional work in sports defined by the Article 59, paragraph 5 of this Act can be performed by persons who are trained for working in sports by institutions accredited for training of sports professionals.

(5) professional qualifications which are required for performing of professional activities in sports, as determined by the article 59, paragraphs 1, 2, 3, and 4 of this Act determines the Minister by enacting an ordinance to regulate the level of qualifications according to the type and complexity of specific work.

Article 90, item 1:

(1) persons who work as coaches and do not fulfil the prescribed conditions determined by this Act on the day of the Act enforcement, are obliged to acquire the appropriate qualification within a maximum of eight years from the day of the Sports Act entering into force.

4. STUDY PROGRAMME DESCRIPTION

4.1. BASIC STRUCTURE OF THE UNDERGRADUATE UNIVERSITY STUDY PROGRAMME OF KINESIOLOGY

The Undergraduate University Study Programme of Kinesiology is a theoretical-practical study based on four applied areas of kinesiology: kinesiology of sports, kinesiological recreation, systematic kinesiology, and kinesiotherapy with four modules that are delivered in the 4th, 5th, and 6th semester, comprising eight courses in each module.

The study programme consists of general obligatory courses and obligatory courses in the elective module. General obligatory courses deal with topics of basic kinesiological disciplines and interdisciplinary areas, which are necessary for acquisition of competencies (knowledge, skills, abilities and beliefs) and for successful job performance.

Starting with the 4th semester onward, students enrol one of four elective modules (Sport, Kinesiological Recreation and Fitness, Physical Conditioning, Kinesitherapy) for the purpose of acquiring additional competencies for working in the sector of sport, in kinesiological recreation and fitness, physical conditioning, or kinesiotherapy.

Courses contained in each elective module enable students to profile themselves and acquire competencies that are tailored to their interests, with the help of which they will be better trained in one of narrower specialisation areas represented in the elective modules of the Undergraduate University Study Programme of Kinesiology.

Within the study programme, there is an obligatory student practice organised in sports clubs and sports associations, in institutions that organise sports recreation, in fitness centres, in institutions and associations that implement programmes of personalised physical activity and kinesiotherapy, and in kindergartens under supervision of mentors. The content of the course referring to student practice is realised in coordination with the course teacher, mentor, and agreed upon by an institution dealing with applied kinesiology in practice. Each student is obliged to realise the obligatory practice in a respective study year, and to complete the whole cycle of the practice according to the curriculum.

Students proceed with studying organised in semesters. They need to enrol each semester, so the following semester can be enrolled only after obtaining certification for the previous semester. Regular attendance of lectures and fulfilment of obligations is determined by syllabi of enrolled courses. When enrolling in the following study year, the achieved ECTS credits in the previous study year are checked. Students can proceed to the higher study year if they have completed all obligations determined by the study programme and if having obtained minimum 48 ECTS credits out of 60 ECTS allocated to each academic year. Students that failed to obtain enough ECTS and to proceed to a higher year of study have to repeat the study year under the precondition of having obtained at least 24 ECTS credits. Full-time students have a right to repeat each study year once during the determined study duration, or they can prolong the studying for one third longer than the determined study duration, i.e. until the end of the academic year in which that prolongation expires. If students do not comply with this requirement, they lose the status of a full-time student, so such students can request continuation of studying in the status of a part-time student, or they can request approval of completion of studies without student rights, i.e. as part-time students. Such requests are approved by the Faculty Council of the Faculty of Kinesiology Osijek. Students who did not fulfil the requirements for enrolment in a higher study year need to re-enrol the courses that they did not complete in the previous study year.

UNDERGRADUATE UNIVERSITY STUDY OF KINESIOLOGY

Aggregated Learning Outcomes
After successfully completing the study programme, the student shall be able to:
- Understand the socio-historical conditions in which kinesiology occurred and developed as a distinct scientific research field
- Plan and program kinesiology activities, select adequate kinesiology operators and load volumes that can cause qualitative and quantitative changes in the human body
- Analyse the structure of the human body and interpret life functions
- Interpret and explain normal physiological and anatomical values
- Identify and understand the formal model of kinesiology transformation processes
- Identify and develop motor skills, functional capacities, and morphological characteristics
- Apply knowledge from the history of sports in explaining and understanding current issues and controversies in sports
- Analyse and recognise the criteria for implementing specific kinesiology programmes in practice
- Create procedures for planning and programming work in a team of experts from other fields and apply individual and group work methods in the implementation of transformation programs of kinesiological recreation
- Assess the adaptation of the human organism and organ systems to physical activity
- Analyse basic biomechanical elements for individual sports branches
- Assess the quality of movement technique depending on the biomechanical variables and parameters of the given locomotor apparatus, and marginal and working conditions
- Demonstrate and analyse techniques and create a methodology for adopting elements of swimming, athletics, and ski and martial sports disciplines, as well as elements of sports and rhythmic gymnastics and racket sports
- Adopt and demonstrate basic knowledge and skills and create a methodology for teaching elements of handball, football, volleyball, and basketball with a special emphasis on the requirements of these sports in relation to fitness characteristics
- Synthesize basic concepts and competences in certain directions in pedagogy and theories of education in the concept of lifelong education
- Acquire knowledge for performing morphological kinanthropometric measurements and their use in assessing nutrition and body composition
- Understand the dynamics of normal growth, development and maturation of children, and know the difference between the chronological and biological age of the child
- Integrate knowledge from sports medicine
- Identify and analyse the characteristics of sports activities, the components of training and sports form, the legality of sports selection, the success factors of a sports career in all types of sports
- Apply acquired knowledge in designing the plan and program of sports training
- Distinguish between diagnostic procedures aimed at defining the state of training at the beginning (initial state), during (transitive states) and at the end (final state) of each training process
- Identify and analyse the features of dysfunctional muscle groups
- Plan, program, and implement targeted kinesitherapy interventions
- Analyse aspects of individual development in sports and physical exercise

- Describe and apply the importance of psychological preparation of athletes, and the role of the expert team working with athletes
- Differentiate between types of disabilities and their causes, as well as assistive technologies and devices specific to certain sports of people with disabilities. Apply previously acquired knowledge about the process of planning and programming transformation procedures, respecting the specifics of sports of people with disabilities.
- Identify risk factors and mechanisms of injuries in sports
- Plan, implement and supervise individual preventive training programs
- Independently compare regulations regulating relations in the field of sports activities
- Analyse the relationship between sports law and other legal branches, domestic and international sports law and autonomous sports regulations
- Analyse and understand the relationship between sport and society; understand the role of sports and physical activity in health promotion and prevention/suppression of behavioural problems in different contexts
- To achieve an understanding of a written professional text in English (translation of the text, conversation about the text, interpretation of the read professional text) and will acquire the ability to communicate orally
- Know and apply measuring instruments and choose adequate procedures for explaining kinesiological phenomena
- Understand and analyse an individual's needs for energy and macronutrients and calculate their intake into the body

Table 1 List of general obligatory courses and obligatory courses within the elective module with corresponding number of teaching hours and ECTS credits

Undergraduate University Study Programme of Kinesiology							
STUDY YEAR: I							
Semester: 1							
	COURSE	COURSE TEACHER	L	P	S	ECTS	STATUS ¹
OBLIGATORY COURSES	Systematic Kinesiology	Assist. Prof. Dr. Zvonimir Tomac	30		30	5	O
	Functional Anatomy	Prof. Dr. Robert Selthofer	30		30	5	O
	Basics of Kinesiological Transformations	Assist. Prof. Dr. Hrvoje Ajman	30	30	15	6	O
	History of Exercise and Sports	Prof. Dr. Damir Matanović	30		15	4	O
	Theory and Methodology of Swimming	Assist. Prof. Dr. Dražen Rastovski	15	45		5	O
	Theory and Methodology of Athletics	Assist. Prof. Dr. Hrvoje Ajman	15	45		5	O
Semester: 2							
OBLIGATORY COURSES	Basics of Kinesiological Recreation	Assist. Prof. Dr. Danijela Kuna	15	15	30	5	O
	Physiology of Sport and Exercise	Prof. Dr. Aleksandar Včev	30		30	5	O
	Biomechanics	Assoc. Prof. Dr. Vjekoslav Galzina	30	15	15	5	O
	Theory and Methodology of Elementary Gymnastics	Assist. Prof. Dr. Zvonimir Tomac	15	45		5	O
	Theory and Methodology of Sports Games 1	Assist. Prof. Dr. Josip Cvenić	15	45		5	O
	Theory and Methodology of Sports Games 2	Assist. Prof. Dr. Josip Cvenić	15	45		5	O

¹ **IMPORTANT:** General obligatory courses are marked with O, and obligatory courses within the elective module are marked with E

STUDY YEAR: II							
Semester: 3							
OBLIGATORY COURSES	Pedagogy	Prof. Dr. Vesnica Mlinarević	30		30	5	O
	Biological Kinanthropology	Assoc. Prof. Dr. Zvonimir Užarević	30	15	15	5	O
	Sports Medicine	Assoc. Prof. Dr. Martina Smolić	30	30		5	O
	Organisation and Management of Sport with Sports Law Basics	Assist. Prof. Dr. Tvrtko Galić	15	30		3	O
	Theory and Methodology of Skiing	Assist. Prof. Dr. Danijela Kuna	15	30		4	O
	Theory and Methodology of Sports with Racket	Assist. Prof. Dr. Josip Cvenić	15	30		4	O
	Theory and Methodology of Combat Sports	Prof. Dr. Saša Krstulović	15	30		4	O
Semester: 4							
OBLIGATORY COURSES	Theory of Training	Assist. Prof. Dr. Josip Cvenić	45		15	5	O
	Kinesitherapy	Assist. Prof. Dr. Iva Šklempe Kokić	30	30		5	O
	Psychology of Sport and Physical Exercise	Assist. Prof. Dr. Ana Kurtović	30		30	5	O
	Sport for People with Disabilities and Children with Developmental Disorders	Assist. Prof. Dr. Zvonimir Tomac	15	45		4	O
	Injury Prevention in Kinesiology Activities	Assist. Prof. Dr. Iva Šklempe Kokić	15	15	15	3	O
1. MODULE SPORT	Anthropological Analysis in Selected Sport	Assoc. Prof. Dr. Tomislav Krističević	15		15	3	E
	Kinesiology Analysis in Selected Sport	Assist. Prof. Dr. Josip Cvenić	30		30	5	E

2. KINESIOLOGICAL RECREATION AND FITNESS	Introduction to Fitness	Assist. Prof. Dr. Josip Cvenić	15		15	3	E
	Kinesiological Analysis in Fitness	Prof. Dr. Damir Sekulić	30		30	5	E
3. PHYSICAL CONDITIONING	Anthropological Analysis in Physical Conditioning	Assist. Prof. Dr. Hrvoje Ajman	30		15	4	E
	Kinesiological Analysis in Physical Conditioning	Assist. Prof. Dr. Hrvoje Ajman	15		30	4	E
4. KINESITHERAPY	Functional Effects of Kinesitherapy Interventions	Assist. Prof. Dr. Iva Šklempe Kokić	15		15	3	E
	Kinesiological Analysis in Kinesitherapy	Assist. Prof. Dr. Iva Šklempe Kokić	30		30	5	E

STUDY YEAR: III**Semester: 5**

OBLIGATORY COURSES	Economics and Management in Sports	Assist. Prof. Dr. Tvrtko Galić	30		30	5	O
	Society and Sports	Assist. Prof. Dr. Ivica Kelam	30		30	5	O
	English Language	Assist. Prof. Dr. Antonija Šarić	15	15		2	O
	Professional Practice	Jurica Lovrinčević, lecturer		40		2	O
1. MODULE SPORT	Methodology of Physical Conditioning in Selected Sport	Assist. Prof. Dr. Hrvoje Ajman	15	30	30	6	E
	Methodology of Technical and Tactical Preparation in Selected Sport 1	Assist. Prof. Dr. Dražen Rastovski	15	30	15	5	E
	Designing of Training Programmes in Selected Sport 1	Assist. Prof. Dr. Ivan Segedi	30		30	5	E
2. MODULE KINESIOLOGICAL RECREATION AND FITNESS	Measurement and Evaluation of Fitness	Assist. Prof. Dr. Saša Vuk	15	30		4	E
	Individual and Group Fitness Programmes	Prof. Dr. Gordana Furjan Mandić	15	30	30	6	E
	Methodology of Kinesiological Recreation in Tourism	Assist. Prof. Dr. Dražen Rastovski	15	30	30	6	E
3. MODULE PHYSICAL CONDITIONING	Methodology of Physical Conditioning 1	Assist. Prof. Dr. Hrvoje Ajman	15	30	30	6	E
	Athlete Performance Diagnostics	Assist. Prof. Dr. Zvonimir Tomac	15	30	15	5	E
	Designing of Physical Conditioning Programme 1	Assist. Prof. Dr. Nikola Foretić	30		30	5	E
4. MODULE KINESITHERAPY	Methodology in Kinesitherapy 1	Assist. Prof. Dr. Iva Šklempe Kokić	15	30	30	6	E
	Planning and Developing of Procedures in Kinesitherapy	Assist. Prof. Dr. Zvonimir Tomac	30		30	5	E

	Basics of Clinical Medicine	Prof. Dr. Aleksandar Včev	30		30	5	E
Semester: 6							
OBLIGATORY COURSES	Kinesiological Methodology with Kinesiometry	Assist. Prof. Dr. Tošo Maršić	30	30		5	O
	Nutrition and Physical Activity	Prof. Dr. Danijela Kenjeric Čačić	15	30		3	O
	Professional Practice	Jurica Lovrinčević, lecturer		60		4	O
	Final Paper	-				6	O
1. MODULE SPORT	Control of Training in Selected Sport	Assist. Prof. Dr. Marijo Baković	15	15		3	E
	Methodology of Technical and Tactical Preparation in Selected Sport 2	Assist. Prof. Dr. Dražen Rastovski	15	30	15	5	E
	Designing of Training Programmes in Selected Sport 2	Assist. Prof. Dr. Josip Cvenić	30		15	4	E
2. MODULE KINESIOLOGICAL RECREATION AND FITNESS	Design of Training Programmes in Kinesiological Recreation	Assist. Prof. Dr. Danijela Kuna	15		30	3	E
	Health-oriented Kinesiological Activity	Assist. Prof. Dr. Danijela Kuna	15	30	15	5	E
	Animation in Kinesiological Recreation	Assist. Prof. Dr. Josip Cvenić	30	15		4	E
3. MODULE PHYSICAL CONDITIONING	Athlete Training Control	Assist. Prof. Dr. Marijo Baković	15	15		3	E
	Methodology of Physical Conditioning 2	Assist. Prof. Dr. Dražen Rastovski	15	30	15	5	E
	Designing of Physical Conditioning Programme 2	Assoc. Prof. Dr. Frane Žuvela	30		15	4	E

4. MODULE KINESITHERAPY	Functional Diagnostics	Assist. Prof. Dr. Iva Šklempe Kokić	15	15		3	E
	Methodology in Kinesitherapy 2	Assist. Prof. Dr. Iva Šklempe Kokić	15	30	15	5	E
	Basics of Physical Medicine and Rehabilitation	Assist. Prof. Dr. Anđela Grgić	30		15	4	E

a) List of general obligatory courses with corresponding number of teaching hours and ECTS credits

LIST OF OBLIGATORY COURSES							
STUDY YEAR: I							
Semester: 1							
OBLIGATORY COURSES	COURSE	COURSE TEACHER	L	P	S	ECTS	STATUS ²
	Systematic Kinesiology	Assist. Prof. Dr. Zvonimir Tomac	30		30	5	O
	Functional Anatomy	Prof. Dr. Robert Selthofer	30		30	5	O
	Basics of Kinesiological Transformations	Assist. Prof. Dr. Hrvoje Ajman	30	30	15	6	O
	History of Exercise and Sports	Prof. Dr. Damir Matanović	30		15	4	O
	Theory and Methodology of Swimming	Assist. Prof. Dr. Dražen Rastovski	15	45		5	O
	Theory and Methodology of Athletics	Assist. Prof. Dr. Hrvoje Ajman	15	45		5	O
Semester: 2							
	Basics of Kinesiological Recreation	Assist. Prof. Dr. Danijela Kuna	15	15	30	5	O
	Physiology of Sport and Exercise	Prof. Dr. Aleksandar Včev	30		30	5	O
	Biomechanics	Assoc. Prof. Dr. Vjekoslav Galzina	30	15	15	5	O
	Theory and Methodology of Elementary Gymnastics	Assist. Prof. Dr. Zvonimir Tomac	15	45		5	O

² **IMPORTANT:** General obligatory courses are marked with O, and obligatory courses within the elective module are marked with E

	Theory and Methodology of Sports Games 1	Assist. Prof. Dr. Josip Cvenić	15	45		5	O
	Theory and Methodology of Sports Games 2	Assist. Prof. Dr. Josip Cvenić	15	45		5	O

STUDY YEAR: II
Semester: 3

	Pedagogy	Prof. Dr. Vesnica Mlinarević	30		30	5	O
	Biological Kinanthropology	Assoc. Prof. Dr. Zvonimir Užarević	30	15	15	5	O
	Sports Medicine	Assoc. Prof. Dr. Martina Smolić	30	30		5	O
	Organisation and Management of Sport with Sports Law Basics	Assist. Prof. Dr. Tvrтко Galić	15	30		3	O
	Theory and Methodology of Skiing	Assist. Prof. Dr. Danijela Kuna	15	30		4	O
	Theory and Methodology of Sports with Racket	Assist. Prof. Dr. Josip Cvenić	15	30		4	O
	Theory and Methodology of Combat Sports	Prof. Dr. Saša Krstulović	15	30		4	O

Semester: 4

	Theory of Training	Assist. Prof. Dr. Josip Cvenić	45		15	5	O
	Kinesitherapy	Assist. Prof. Dr. Iva Šklempe Kokić	30	30		5	O
	Psychology of Sport and Physical Exercise	Assist. Prof. Dr. Ana Kurtović	30		30	5	O
	Sport for People with Disabilities and Children with Developmental Disorders	Assist. Prof. Dr. Zvonimir Tomac	15	45		4	O
	Injury Prevention in Kinesiology Activities	Assist. Prof. Dr. Iva Šklempe Kokić	15	15	15	3	O

STUDY YEAR: III							
Semester: 5							
	Economics and Management in Sports	Assist. Prof. Dr. Tvrko Galić	30		30	5	O
	Society and Sports	Assist. Prof. Dr. Ivica Kelam	30		30	5	O
	English Language	doc. dr. sc Antonija Šarić	15	15		2	O
	Professional Practice	Jurica Lovrinčević, lecturer		40		2	O
Semester: 6							
	Kinesiological Methodology with Kinesiometry	Assist. Prof. Dr. Tošo Maršić	30	30		5	O
	Nutrition and Physical Activity	Prof. Dr. Daniela Kenjeric Čačić	15	30		3	O
	Professional Practice	Jurica Lovrinčević, lecturer		60		4	O
	Final Paper					6	O

b) List of obligatory courses within the elective module of Sport with corresponding number of teaching hours and ECTS credits

1. MODULE SPORT							
STUDY YEAR: II							
Semester: 4							
MODULE	ELECTIVE COURSE	COURSE TEACHER	L	P	S	ECTS	STATUS
SPORT	Anthropological Analysis in Selected Sport	Assoc. Prof. Dr. Tomislav Krističević	15		15	3	E
	Kinesiology Analysis in Selected Sport	Assist. Prof. Dr. Josip Cvenić	30		30	5	E
STUDY YEAR: III							
Semester: 5							
SPORT	Methodology of Physical Conditioning in Selected Sport	Assist. Prof. Dr. Hrvoje Ajman	15	30	30	6	E
	Methodology of Technical and Tactical Preparation in Selected Sport 1	Assist. Prof. Dr. Dražen Rastovski	15	30	15	5	E
	Designing of Training Programs in Selected Sport 1	Assist. Prof. Dr. Ivan Segedi	30		30	5	E
STUDY YEAR: III							
Semester: 6							
SPORT	Control of Training in Selected Sport	Assist. Prof. Dr. Marijo Baković	15	15		3	E
	Methodology of Technical and Tactical Preparation in Selected Sport 2	Assist. Prof. Dr. Dražen Rastovski	15	30	15	5	E
	Designing of Training Programs in Selected Sport 2	Assist. Prof. Dr. Josip Cvenić	30		15	4	E

c) List of obligatory courses within the elective module of Kinesiological Recreation and Fitness with corresponding number of teaching hours and ECTS credits

2. MODULE KINESIOLOGICAL RECREATION AND FITNESS							
STUDY YEAR: II							
Semester: 4							
MODULE	COURSE	COURSE TEACHER	L	P	S	ECTS	STATUS
KINESIOLOGICAL RECREATION AND FITNESS	Introduction to Fitness	Assist. Prof. Dr. Josip Cveni�c	15		15	3	E
	Kinesiological Analysis in Fitness	Prof. Dr. Damir Sekuli�c	30		30	5	E
STUDY YEAR: III							
Semester: 5							
KINESIOLOGICAL RECREATION AND FITNESS	Measurement and Evaluation of Fitness	Assist. Prof. Dr. Saša Vuk	15	30		4	E
	Individual and Group Fitness Programmes	Prof. Dr. Gordana Furjan Mandi�c	15	30	30	6	E
	Methodology of Kinesiological Recreation in Tourism	Assist. Prof. Dr. Dražen Rastovski	15	30	30	6	E
Semester: 6							
KINESIOLOGICAL RECREATION AND FITNESS	Design of Training Programmes in Kinesiological Recreation	Assist. Prof. Dr. Danijela Kuna	15		30	3	E
	Health-oriented Kinesiological Activity	Assist. Prof. Dr. Danijela Kuna	15	30	15	5	E
	Animation in Kinesiological Recreation	Assist. Prof. Dr. Josip Cveni�c	30	15		4	E

d) List of obligatory courses within the elective module of Physical Conditioning with corresponding number of teaching hours and ECTS credits

4. MODULE PHYSICAL CONDITIONING							
STUDY YEAR: II							
Semester: 4							
MODULE	COURSE	COURSE TEACHER	L	P	S	ECTS	STATUS
PHYSICAL CONDITIONING	Anthropological Analysis in Physical Conditioning	Assist. Prof. Dr. Hrvoje Ajman	30		15	4	E
	Kinesiological Analysis in Physical Conditioning	Assist. Prof. Dr. Hrvoje Ajman	15		30	4	E
STUDY YEAR: III							
Semester: 5							
PHYSICAL CONDITIONING	Methodology of Physical Conditioning 1	Assist. Prof. Dr. Hrvoje Ajman	15	30	30	6	E
	Athlete Performance Diagnostics	Assist. Prof. Dr. Zvonimir Tomac	15	30	15	5	E
	Designing of Physical Conditioning Programme 1	Assist. Prof. Dr. Nikola Foretić	30		30	5	E
STUDY YEAR: III							
Semester: 6							
PHYSICAL CONDITIONING	Athlete Training Control	Assist. Prof. Dr. Marijo Baković	15	15		3	E
	Methodology of Physical Conditioning 2	Assist. Prof. Dr. Dražen Rastovski	15	30	15	5	E
	Designing of Physical Conditioning Programme 2	Assoc. Prof. Dr. Frane Žuvela	30		15	4	E

e) List of obligatory courses within the elective module of Kinesitherapy with corresponding number of teaching hours and ECTS credits

5. MODULE KINESITHERAPY							
STUDY YEAR: II							
Semester: 4							
MODULE	COURSE	COURSE TEACHER	L	P	S	ECTS	STATUS
KINESITHERAPY	Functional Effects of Kinesitherapy Interventions	Assist. Prof. Dr. Iva Šklempe Kokić	15		15	3	E
	Kinesiological Analysis in Kinesitherapy	Assist. Prof. Dr. Iva Šklempe Kokić	30		30	5	E
STUDY YEAR: III							
Semester: 5							
KINESITHERAPY	Methodology in Kinesitherapy 1	Assist. Prof. Dr. Iva Šklempe Kokić	15	30	30	6	E
	Planning and Developing of Procedures in Kinesitherapy	Assist. Prof. Dr. Zvonimir Tomac	30		30	5	E
	Basics of Clinical Medicine	Prof. Dr. Aleksandar Včev	30		30	5	E
STUDY YEAR: III							
Semester: 6							
KINESITHERAPY	Functional Diagnostics	Assist. Prof. Dr. Iva Šklempe Kokić	15	15		3	E
	Methodology in Kinesitherapy 2	Assist. Prof. Dr. Iva Šklempe Kokić	15	30	15	5	E
	Basics of Physical Medicine and Rehabilitation	Assist. Prof. Dr. Angela Grgić	30		15	4	E

a. DESCRIPTION OF EACH COURSE (SYLLABUS)

GENERAL INFORMATION - COURSE TITLE, COURSE TEACHER, COURSE STATUS (OBLIGATORY OR ELECTIVE), SEMESTER OF COURSE DELIVERY, NUMBER OF ALLOCATED ECTS CREDITS, NUMBER OF TEACHING HOURS (L+P+S)

Description of each course contains the following categories:

- ▶ course title
- ▶ course teacher
- ▶ teacher's associates within the course
- ▶ study year (if the study year is determined, then the course is recommended to be delivered in that study year; otherwise, each department decides in which study year the respective course will be offered)
- ▶ semester in which the course is delivered (if semester is determined, then the course is recommended to be delivered in that semester; if semester is not determined, then each department decides in which semester the course will be offered)
- ▶ course status (obligatory / elective)
- ▶ language of teaching
- ▶ number of ECTS credits per semester / student workload including homework
- ▶ form of teaching with number of teaching hours per semester
- ▶ comments on the course
- ▶ learning outcomes and students' competencies
- ▶ course content
- ▶ teaching methods
- ▶ monitoring and grading of students' performance
- ▶ compulsory reading list (in cases of courses referring to practices, assessment of knowledge is not in form of oral or written exams, but in form of practices, therefore practical application of compulsory readings is checked)
- ▶ optional reading list
- ▶ methods of monitoring the quality of teaching / methods of course evaluation
- ▶ reading lists will be updated during study programme and module realisation according to the most recent publications

FIRST STUDY YEAR of Undergraduate University Study Programme of Kinesiology

General information		
Course teacher	Assist. Prof. Dr. Zvonimir Tomac	
Course title	Systematic Kinesiology	
Study programme	Undergraduate University Study Programme of Kinesiology	
Course status	Obligatory	
Study year	First study year	
Credit value and teaching delivery mode	ECTS student workload	5
	Number of teaching hours (L+P+S)	(30+0+30)

1. COURSE DESCRIPTION

1.1. Course objectives

To enable students to understand kinesiological rules and principles referring to management of the exercise processes in all areas of applied kinesiology. By applying appropriate metric procedures and protocols, as well as kinesiological operators, students will acquire knowledge about monitoring and evaluation of transformational procedures in kinesiology.

1.2. Course entry requirements

No course entry requirements, obligatory course

1.3. Intended learning outcomes at the course level

Students will be able to:

1. understand social and historical conditions within which kinesiology has been developed and shaped as a separate scientific research area
2. understand the structure of kinesiology and its relations with other scientific disciplines
3. understand and be able to apply basic kinesiological rules about the effect of physical activity on different segments of human anthropological status
4. apply instruments and protocols for measuring and assessing the motor status
5. develop and plan kinesiological activities, select appropriate kinesiological operators and load volumes that shall induce qualitative and quantitative changes in human body

1.4. Course content

Effects of a managed exercise process, i.e. of a planned physical activity, understanding and interpretation of effects of such forms of activity both on human anthropological status and on human health.

Systematisation of knowledge about exercise effects and insights into effects that kinesiological activities have on human psychosomatic status in all areas of kinesiology, especially referring to educational process.

Appropriate choice of measurement protocols and quality planning and developing procedures for definition of relevant parameters for transformation processes related to anthropological characteristics, motor and functional abilities, motor knowledge, as well as educational and other aspects of possible changes.

History, development and structure of kinesiology.

1.5. Form of teaching

X lectures

X seminars and workshops

independent work

multimedia and web

laboratory

	<input type="checkbox"/> practices X distance teaching <input type="checkbox"/> field teaching	<input type="checkbox"/> supervised work <input type="checkbox"/> other _____			
<i>1.6. Comments</i>					
<i>1.7. Students' obligations</i>					
<p>Students are obliged to attend lectures and to prepare and present a seminar paper.</p> <p>1. Students can skip classes according to the University Ordinance on Studies and Studying. Students who never skip lectures and seminars shall be awarded with 10 points.</p> <p>2. Quality of the seminar paper is assessed on the basis of appropriately presented material related to the assigned seminar theme and oral presentation of the seminar paper to a group of students. Students are graded according to the criterion of seminar paper quality as follows: grade insufficient – 0 points; grade sufficient – 4 points; grade good - 6 points; grade very good – 8 points; grade excellent – 10 points. Students are graded according to the criterion of oral presentation quality as follows: grade insufficient – 0 points; grade sufficient – 4 points; grade good - 6 points; grade very good – 8 points; grade excellent – 10 points. Students have to fulfil both criteria in order to get the grade sufficient. If they do not meet minimum requirements of both criteria, they have to prepare a new seminar paper with another theme.</p> <p>3. At the end of semester, students take preliminary exam. Preliminary exam refers to topics related to the concept, definition and structure of kinesiology and the effects of kinesiological stimuli on anthropological characteristics of young schoolchildren. The first part of the preliminary exam corresponds to 30 points, and in order to pass it, students have to obtain a minimum of 60% (18 points) of the total number of points. They are graded as follows: 18-20 points – grade sufficient; 21-23 - grade good; 24-26 – grade very good; 27-30 - grade excellent.</p> <p>The second part of the preliminary exam refers to topics: the concept, principles and factors of a managed exercise process and its effect of physical activity and kinesiological stimuli on health. It is also valued with 30 points with the same distribution methodology. In order to pass it, students have to obtain a minimum of 60% (18 points) of the total number of points, as follows: 18-20 points – grade sufficient; 21-23 - grade good; 24-26 - grade very good; 27-30 - grade excellent.</p> <p>In order to proceed with the oral exam, students have to obtain a minimum number of points assigned for a grade sufficient.</p> <p>4. During classes, students are continuously monitored for their performance and awarded with points referring to the following elements: lecture attendance, seminar paper and written preliminary exam. According to their preferences, students can choose a model for obtaining a sufficient number of points to proceed with the oral exam. At the end of semester, those students who did not pass the preliminary exam have to take the written exam. The scope of the oral exam depends on the number of points that each student obtained during classes within the continuous monitoring and within the written exam.</p> <p>The overall grade is determined by summing up of points that student obtains in all categories according to the following criteria: grade sufficient: 60 - 69 points grade good: 70 -79 points grade very good: 80 - 89 points grade excellent: 90 - 100 points</p>					
<i>1.8. Monitoring³ of students' performance</i>					
Lecture attendance	1	Student's engagement	Seminar paper	1	Experimental work

³ **IMPORTANT:** For each activity of monitoring students' performance, it is necessary to enter appropriate share of ECTS credits, so that the sum of shared ECTS credits per each activity corresponds to the total number of ECTS credits assigned to the course. Blank fields can be used for entering additional activities.

		during the course				
Written exam	1	Oral exam	1	Essay		Research
Project		Continuous knowledge assessment	1	Report		Practical work
Portfolio						
<i>1.9. Grading and evaluation of student work during the course and at the final exam</i>						
Constant monitoring and assessment, preliminary exam, oral exam						
<i>1.10. Compulsory reading list (valid as of the Study programme proposal)</i>						
1. Prskalo, I., Sporiš, G. (2016). Kineziologija, Školska knjiga, Zagreb.						
<i>1.11. Optional reading list (valid as of the Study programme proposal)</i>						
<ol style="list-style-type: none"> 1. Jurko, D., Čular, D., Badrić, M., Sporiš, G. (2015). Osnove kineziologije. Gopal Ltd., Zagreb 2. Mraković, M. (1997). Uvod u sistematsku kineziologiju. Fakultet za fizičku kulturu, Zagreb 3. Milanović, D. et al. (1997). Priručnik za sportske trenere, FFK, Zagreb. Mišigoj-Duraković, M. (1999). Tjelesno vježbanje i zdravlje, Zagreb 4. Prskalo, I. (2001). Osnove kineziologije, Visoka učiteljska škola u Petrinji 5. Burton, A.W., Miller D.E. (1998). <i>Movement Skill Assessment</i>. Champaign, IL: Human Kinetics 6. Kinesiology, International Journal of Fundamental and Applied Kinesiology. Faculty of Kinesiology, University of Zagreb, Croatia 7. Malina R.M., Bouchard, C., Bar-Or, O. (2004). <i>Growth, Maturation and Physical Activity, 2nd edition</i>. Champaign, IL: Human Kinetics 8. Caput-Jogunica, R. (2009). Kineziologija - priručnik za studente Učiteljskog fakulteta - dislocirani studij u Slavanskom Brodu. Skripta. Učiteljski fakultet, Osijek. 						
<i>1.12. Number of copies of required reading materials in relation to the number of students currently attending the course</i>						
<i>Title</i>		<i>Number of copies</i>		<i>Number of students</i>		
<i>1.13. Method of monitoring the quality of teaching with respect to accomplishment of learning outcomes</i>						
Anonymous student survey						

General information		
Course teacher	Prof. Dr. Robert Selthofer	
Course title	Functional Anatomy	
Study programme	Undergraduate University Study Programme of Kinesiology	
Course status	Obligatory	
Study year	First study year	
Credit value and teaching delivery mode	ECTS student workload	5
	Number of teaching hours (L+P+S)	(30+0+30)

1. COURSE DESCRIPTION		
<i>1.1. Course objectives</i>		
<p>The main objective of the course is to enable students to adopt the basics of macroscopic morphology of individual organs and human organ systems with special reference to the locomotor system. Acquired knowledge in anatomy should facilitate students' better understanding of physiological, pathophysiological and pathological processes in human body and enable them to apply physiotherapy procedures.</p>		
<i>1.2. Course entry requirements</i>		
No course entry requirements		
<i>1.3. Intended learning outcomes at the course level</i>		
<p>Upon completion of the course, students will be able to:</p> <ol style="list-style-type: none"> 1. reproduce knowledge in general anatomy and knowledge of the structure of organ systems 2. analyse the structure of human body and interpret life functions 3. develop an integrated approach to health and disease, and comprehend the cell and the organism as an integrated system 4. interpret and explain normal physiological and anatomical values 		
<i>1.4. Course content</i>		
<p>Course content: Basics of general anatomy. Human body systems - Basic structure and function. Movement organ system: Bone system. Skeleton of chest. Shoulder girdle, upper limbs. Skeleton of pelvis of the lower limbs. Bones of the head. Joints of bones. Types of joints of bones. Functional division of joints. Joints of head and spine. Pelvic girdle. Mechanics of the spine and pelvis. Joints of chest. Rib movement. Mechanics of breathing. Structure and action of shoulder girdle joints in hands. Structure and action of leg joints and ankles. Muscular system. Muscle structure and biological behaviour. Muscles of head, neck and chest. Analysis of movements performed by the muscles of head, neck and chest. Shoulder girdle and arm muscles. Analysis of shoulder, arm and hand movements. Pelvic and leg muscles. Movements of pelvis, legs and feet. Functional analysis of movement with respect to sports activities.</p>		
<i>1.5. Form of teaching</i>	<input checked="" type="checkbox"/> lectures <input checked="" type="checkbox"/> seminars and workshops <input type="checkbox"/> practices <input type="checkbox"/> distance teaching <input type="checkbox"/> field teaching	<input type="checkbox"/> independent work <input type="checkbox"/> multimedia and web <input type="checkbox"/> laboratory <input type="checkbox"/> supervised work <input type="checkbox"/> other

<i>1.6. Comments</i>							
<i>1.7. Students' obligations</i>							
Students are obliged to attend lectures and seminars. Students can skip 20% of seminars and 30% of lectures without excuse. If skipping greater percentage of classes, students have to present a valid excuse letter (from a doctor of the Student Polyclinic or, exceptionally, an official excuse letter issued by a sports club or federation, if the reason for absence from classes occurs because of participation in sports competitions). Absence from practices (with official excuse letter!) cannot exceed 50% of total number of teaching hours. If students skip more than 50% of total number of teaching hours, they lose the right to obtain a teacher's signature at the end of semester, and they have to re-enrol and attend the course again (exceptionally, this rule does not apply to students who are professional athletes).							
<i>1.8. Monitoring⁴ of students' performance</i>							
Lecture attendance	X	Student's engagement during the course	X	Seminar paper		Experimental work	
Written exam	X	Oral exam	X	Essay		Research	
Project		Continuous knowledge assessment		Report		Practical work	
Portfolio							
<i>1.9. Grading and evaluation of student work during the course and at the final exam</i>							
Elements for assessment of students' performance: - class attendance 10% - two preliminary exams 40% (each preliminary exam is valued with 20%) - Student's engagement during the course 10% - Oral exam 40%							
<i>1.10. Compulsory reading list (valid as of the study program proposal)</i>							
1. Keros, P. Pećina, M., Ivančić-Košuta, M. (1999). Temelji anatomije čovjeka. Zagreb: Naprijed. 2. Milanović, D. (ed.) (1997). Priručnik za sportske trenere. Fakultet za fizičku kulturu Sveučilišta u Zagrebu							
<i>1.11. Optional reading list (valid as of the study program proposal)</i>							
1. Netter, Atlas anatomije čovjeka - DVD 2. Platzer, W. (1991). Sustav organa za pokretanje. JUMENA, Zagreb 3. Keros, P., Krmpotić-Nemanić, J., Vinter I. (1991). Perovićeva anatomija čovjeka, I-II, Zagreb: Medicinski fakultet 4. Keros, P., Krmpotić-Nemanić, J., Pećina, M. (1986). Anatomija čovjeka: lokomotorni sustav. Zagreb: Medicinski fakultet Sveučilišta u Zagrebu 5. Keros, P. et al. (1992). Temelji anatomije čovjeka. Zagreb: Medicinski fakultet 6. Sobotta, Johannes (2000). Atlas anatomije čovjeka (part 1 and 2). Editors: R. Pabs, R. Putz; Croatian edition: A. Marušić. Jastrebarsko: Naklada Slap							
<i>1.12. Number of copies of required reading materials in relation to the number of students currently attending the course</i>							
<i>Title</i>				<i>Number of</i>		<i>Number of students</i>	

⁴ **IMPORTANT:** For each activity of monitoring students' performance, it is necessary to enter appropriate share of ECTS credits, so that the sum of shared ECTS credits per each activity corresponds to the total number of ECTS credits assigned to the course. Blank fields can be used for entering additional activities.

	<i>copies</i>	
<i>1.13. Method of monitoring the quality of teaching with respect to accomplishment of learning outcomes</i>		
Records on student's exam taking and success at exam. Survey on students' interest into and understanding of teaching materials.		

General information		
Course teacher	Assist. Prof. Dr. Hrvoje Ajman	
Course title	Basics of Kinesiological Transformations	
Study programme	Undergraduate University Study Programme of Kinesiology	
Course status	Obligatory	
Study year	First study year	
Credit value and teaching delivery mode	ECTS student workload	6
	Number of teaching hours (L+P+S)	(30+30+15)

1. COURSE DESCRIPTION
<i>1.1. Course objectives</i>
To describe and define a model of kinesiological transformation processes. To present classification (structure) of human morphological features and characteristics, functional abilities and motor abilities. To describe general and biotic motor skills aimed at kinesiological transformations of human motor abilities. To present basic characteristics of transformation operators (content, methods and loads) aimed at developing and maintaining functional and motor skills of people of different ages, gender and physical fitness.
<i>1.2. Course entry requirements</i>
No course entry requirements
<i>1.3. Intended learning outcomes at the course level</i>
After attending and passing the course, students will be able to: 1. Understand the most important approaches to observation of human beings 2. Identify transformation processes 3. Understand the formal model of kinesiological transformation processes 4. Demonstrate biotic and general motor skills 5. Recognise motor skills, functional capacities and morphological characteristics 6. Identify the features and characteristics of transformation operators 7. Recognise conventional and non-conventional motor skills 8. Describe training methods, learning methods and exercise methods 9. Define the exercise load volume and its components
<i>1.4. Course content</i>
Definition and division of basic kinesiological transformations, anthropological status and its components. Kinesiological terminology in sports and recreation. Basic types of kinesiological transformation processes. Kinesiological contents in basic kinesiological transformations. Structure of morphological features and characteristics. The most common measures of morphological characteristics and methods of measurement. Structure of functional (energy) abilities. Classification and characteristics of contents suitable for development of general aerobic and general anaerobic capacity. Methodological procedures for development of functional abilities. Motor skills - Coordination. Structure of coordination. Classification and characteristics of contents suitable for development of coordination. Methodological procedures for development of coordination.

Mechanism for synergy regulation and regulation of tone - Balance factor. Balance structure. Classification and characteristics of contents suitable for development of balance. Methodological procedures for development of balance.

Mechanism for synergy regulation and regulation of tone - Factor of precision and flexibility. Structure of precision and flexibility. Classification and characteristics of contents suitable for development of precision and flexibility. Methodological procedures for development of precision and flexibility.

Movement control mechanism. Speed and agility. Speed structure and agility. Classification and characteristics of contents suitable for development of speed and agility. Methodological procedures for development of speed and agility.

Mechanism for energy regulation - General factor of strength. Structure of strength. Classification and characteristics of contents suitable for development of strength. Methodological procedures for development of strength.

Mechanism for regulation of excitation duration - Repetitive and static strength. Classification and characteristics of contents suitable for development of repetitive and static strength. Methodological procedures for development of repetitive and static strength.

Characteristics of transformation operators. Conventional and non-conventional motor skills. Methods of exercising. Learning methods and exercise methods.

Load volume and its components.

<i>1.5. Form of teaching</i>	<input checked="" type="checkbox"/> lectures <input checked="" type="checkbox"/> seminars and workshops <input checked="" type="checkbox"/> practices <input type="checkbox"/> distance teaching <input type="checkbox"/> field teaching	<input type="checkbox"/> independent work <input type="checkbox"/> multimedia and web <input type="checkbox"/> laboratory <input type="checkbox"/> supervised work <input type="checkbox"/> other
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1.6. Comments

1.7. Students' obligations

Students are obliged to attend classes in all forms of teaching. They are obliged to write and orally present a seminar paper referring to the assigned topic and to pass the norms set within the functional-motor tests, which are a precondition for taking the written and oral exam. Students can skip classes according to the Ordinance on Studies and Studying.

1.8. Monitoring⁵ of students' performance

Lecture attendance		Student's engagement during the course		Seminar paper		Experimental work	
Written exam	2.0	Oral exam	2.0	Essay		Research	
Project		Continuous knowledge assessment	1	Report		Practical work	1
Portfolio							

1.9. Grading and evaluation of student work during the course and at the final exam

The exam consists of:
 a) practical part
 b) theoretical part.
 The practical part consists of norms by which students' motor skills and aerobic endurance

⁵ **IMPORTANT:** For each activity of monitoring students' performance, it is necessary to enter appropriate share of ECTS credits, so that the sum of shared ECTS credits per each activity corresponds to the total number of ECTS credits assigned to the course. Blank fields can be used for entering additional activities.

are assessed. Students shall pass all norms with minimum required results. Norms are to be passed within two preliminary exams or at the final exam. The theoretical part is taken within two preliminary exams during the academic year or within one theoretical final exam.

1.10. Compulsory reading list (valid as of the study program proposal)

1. Sekulić, D., Metikoš, D. (2007). Osnove transformacijskih postupaka u kineziologiji. Split: Fakultet prirodoslovno–matematičkih znanosti i kineziologije

1.11. Optional reading list (valid as of the study program proposal)

1. Milanović, D., Jukić, I. (Ed.) (2003). Kondicijska priprema sportaša. Zbornik radova Međunarodnog znanstveno-stručnog skupa Kondicijska priprema sportaša, Zagreb, 21.-22. 02.2003
2. Mraković, M., D. Metikoš, V. Findak (1993). Teorijski model klasifikacije motoričkih znanja. Zbornik radova 2. Ljetne škole pedagoga fizičke kulture RH
3. Beachle, T., R., R.W. Earle (2000). Essentials of Strength Training and Conditioning (Second Edition). Human Kinetics, Champaign, IL, USA. 4. Bompa, T. (2000). Total Training for Young Champions. Human Kinetics, Champaign, IL. USA

1.12. Number of copies of required reading materials in relation to the number of students currently attending the course

<i>Title</i>	<i>Number of copies</i>	<i>Number of students</i>
Osnove transformacijskih postupaka u kineziologiji	Online (67)	67

1.13. Method of monitoring the quality of teaching with respect to accomplishment of learning outcomes

Records on student's exam taking and success at exam. Survey on students' interest into and understanding of teaching materials.

General information		
Course teacher	Prof. Dr. Damir Matanović	
Course title	History of Exercise and Sports	
Study programme	Undergraduate University Study Programme of Kinesiology	
Course status	Obligatory	
Study year	First study year	
Credit value and teaching delivery mode	ECTS student workload	4
	Number of teaching hours (L+P+S)	(30+0+15)

1. COURSE DESCRIPTION

1.1. Course objectives

The course objective is to explain to students the history of the origin and development of sports. It starts by defining human activities, such as play, and proceeds with definition of leisure and socially conditioned evaluation of certain actions as desirable or undesirable. Students will understand the social background that influenced the creation and development of sports. Special emphasis will be put on the observation of cause-and-effect relations, as well as on critical thinking, in addition to simple acceptance of the mechanism of cause and effect in everyday life and in sports. Furthermore, the course objective is to teach students about the history of sports, and about sports clubs in Croatia and in the world, as well as to explain to them the values of amateurism in exercise and in sports in order to promote equality, solidarity and freedom.

1.2. Course entry requirements

Course entry requirements

1.3. Intended learning outcomes at the course level

1. Knowledge and understanding of the occurrence and development of sport with regard to the history of human development as a species and with regard to social development in its historical phases.
2. Knowledge of basic information about the origin and development of certain sports, disciplines and sports movements in modern world.
3. Knowledge of main social, political, economic, cultural and health factors that influenced the development of sports in Croatia and in the world.
4. Application of knowledge from the history of sports in explaining and understanding the current issues and controversies related to sports.
5. Understanding the concept of cause-and-effect relations and its application in explaining the past and present phenomena occurring in sports, as well as critical thinking in understanding of contemporary issues.
6. Knowledge of the basic specifics and differences in the development of exercise and sports in different historical periods.
7. Knowledge of important people and events in the chronology of sports development in Croatia and in the world.
8. Knowledge and understanding of the role of sports in the modern world, as well as the specific position of athletes as promoters of peace, tolerance and non-violence.
9. Learning about history through the dimension of sport and knowledge of significant parts of the history of sport.

1.4. Course content

Historiography of sport: definition; subject of the study; goals and tasks; research methods
 History of sports and exercise in the world - Prehistoric civilisations; Ancient times - Mesopotamia, Egypt, Crete
 Prehistoric civilisations; Ancient times - Mesopotamia, Egypt, Crete, Greece and Rome
 Ancient times - Greece and Rome, Ancient Olympic Games
 Ancient Olympic Games, the Middle Ages and the Renaissance
 New Age - Enlightenment, philanthropy and Gymnastic systems
 New Age - Modern sports
 New Age - Pierre de Coubertin and the renewal of the Olympic Movement
 New Age - Olympic Games and development of the Olympic Movement
 Croatia until World War I
 Croatia between the two World Wars
 Association Hrvatski Sokol
 Franjo Bučar and olympism in Croatia
 Croatia after World War II
 Development of physical education in Croatia

1.5. Form of teaching

- | | |
|---|---|
| <input checked="" type="checkbox"/> lectures | <input type="checkbox"/> independent work |
| <input type="checkbox"/> seminars and workshops | <input type="checkbox"/> multimedia and web |
| <input type="checkbox"/> practices | <input type="checkbox"/> laboratory |
| <input type="checkbox"/> distance teaching | <input type="checkbox"/> supervised work |
| <input type="checkbox"/> field teaching | <input type="checkbox"/> other _____ |

1.6. Comments

1.7. Students' obligations

Students can skip classes for justified reasons up to 30% of total number of teaching hours, while the Faculty ordinances allow the top athletes to be absent from classes for additional 10%. Given the schedule of the course, students can skip 9 hours of lectures or 4 hours of seminars for justified reasons. Top athletes may be absent from additional 3 hours of lectures or 2 hours of seminar classes. Students who are absent from classes more than the allowed quota shall lose the right to obtain teacher's signature for course attendance. Attendance at seminar classes refers to 20% of the final grade, while the exam (or 2 preliminary exams) correspond to 80% of the final grade.

1.8. Monitoring⁶ of students' performance

Lecture attendance	1	Student's engagement during the course		Seminar paper	1	Experimental work	
Written exam	2	Oral exam		Essay		Research	
Project		Continuous knowledge assessment		Report		Practical work	
Portfolio							

1.9. Grading and evaluation of student work during the course and at the final exam

⁶ **IMPORTANT:** For each activity of monitoring students' performance, it is necessary to enter appropriate share of ECTS credits, so that the sum of shared ECTS credits per each activity corresponds to the total number of ECTS credits assigned to the course. Blank fields can be used for entering additional activities.

During the semester, students can take 2 preliminary exams, which, if both being passed, replace the final exam. During the seminar classes, students have to present their paper on an assigned topic, for which they are graded and awarded with points that contribute with 20% to the final grade. Preliminary exams or one final exam refer to 80% of points toward the final grade. In order to pass the exam, all elements have to be positively graded. Students that are not satisfied with the obtained grade at the written exam have a possibility to take an oral exam.

1.10. Compulsory reading list (valid as of the study program proposal)

1. Jajčević, Z. (2010). Povijest tjelesnog vježbanja i športa. Zagreb: Kineziološki fakultet i Društveno veleučilište u Zagrebu

1.11. Optional reading list (valid as of the study program proposal)

1. Jajčević, Z. (2007). Olimpizam u Hrvatskoj. Zagreb: Libera Editio.
2. Enciklopedija fizičke kulture, (1977). Leksikografski zavod
3. Enciklopedija Hrvatske povijesti i kulture (1980). Školska knjiga
4. Radan, Ž. (1970). Franjo Bučar i početak gimnastičkog i sportskog pokreta u Hrvatskoj Zagreb: Sveučilište u Zagrebu, Visoka škola za fizičku kulturu

1.12. Number of copies of required reading materials in relation to the number of students currently attending the course

<i>Title</i>	<i>Number of copies</i>	<i>Number of students</i>

1.13. Method of monitoring the quality of teaching with respect to accomplishment of learning outcomes

Records on student's exam taking and success at exam. Survey on students' interest into and understanding of teaching materials.

General information		
Course teacher	Assist. Prof. Dr. Dražen Rastovski	
Course title	Theory and Methodology of Swimming	
Study programme	Undergraduate University Study Programme of Kinesiology	
Course status	Obligatory	
Study year	First study year	
Credit value and teaching delivery mode	ECTS student workload	5
	Number of teaching hours (L+P+S)	(15+45+0)

1.COURSE DESCRIPTION
<i>1.1. Course objectives</i>
To acquire theoretical and practical knowledge of all swimming techniques, the basics of other water sports and their application in education, recreation, kinesitherapy and sports.
<i>1.2. Course entry requirements</i>
No course entry requirements
<i>1.3. Intended learning outcomes at the course level</i>
Students shall obtain theoretical and practical knowledge of all swimming techniques and the basics of other water sports, such as water polo, synchronised swimming and diving. Such learning outcomes will enable students to become skilled in implementation of programmes related to sports, recreation, education or kinesitherapy at sports associations, clubs and similar institutions. After completing the course, students will be able to:
1. demonstrate and analyse swimming technique of front crawl with the start and turn kick and be able to perform them for the purpose of training, recreation or kinesiotherapy in work with people of all ages;
2. demonstrate and analyse swimming technique of breaststroke with the start and turn kick and be able to perform them for the purpose of training, recreation or kinesiotherapy in work with people of all ages;
3. demonstrate and analyse swimming technique of backstroke with the start and turn kick and be able to perform them for the purpose of training, recreation or kinesiotherapy in work with people of all ages;
4. demonstrate and analyse dolphin swimming technique with the start and turn kick and be able to perform them for the purpose of training, recreation or kinesiotherapy in work with people of all ages;
5. understand the basics of scuba diving, the use of diving equipment, and the physical rules, disciplines and dangers of scuba diving;
6. understand the basics of synchronised swimming and be able to perform them in training, recreation or kinesitherapy
7. understand the basics of water polo and be able to perform them in training, recreation or kinesitherapy, as well as to apply basic principles and procedures of rescuing victims in the water;
8. learn how to react in a timely manner in accidents of swimmers in the water.
<i>1.4. Course content</i>

Front crawl technique: history, rules, kinesiological analysis, video analysis of the technique (1L)
 Backstroke technique: history, rules, kinesiological analysis, video analysis of the technique (1L)
 Breaststroke technique: history, rules, kinesiological analysis, video analysis of the technique (1L)
 Dolphin technique: history, rules, kinesiological analysis, video analysis of the technique (1L)
 Medley swimming: history, rules, kinesiological analysis, video analysis of the technique (1L)
 Other water sports (1L)
 Front crawl: legs - demonstration, analysis, teaching, hands - demonstration, analysis and teaching, coordination - demonstration, analysis and teaching, start and turn kick - demonstration, analysis and teaching (2 hours of swimming instruction techniques + 6P)
 Backstroke: legs - demonstration, analysis and teaching, arms - demonstration, analysis and teaching, coordination - demonstration, analysis and teaching, start and turn kick - demonstration, analysis and teaching (2 hours of swimming instruction techniques + 6P)
 Breaststroke - demonstration, analysis and teaching, hands - demonstration, analysis and teaching, coordination - demonstration, analysis and teaching, start and turn kick - demonstration, analysis and teaching (2 hours of swimming instruction techniques + 6P)
 Dolphin style - demonstration, analysis and teaching, hands - demonstration, analysis and teaching, coordination - demonstration, analysis and teaching, start and turn kick - demonstration, analysis and teaching (2 hours of swimming instruction techniques + 6P)
 Training of non-swimmers (4P)
 Other water sports (1 hours of swimming instruction techniques + 8P)
 Safety exercises in emergency situations in water and teaching rescue techniques (2 P)
 Participation in training programmes for non-swimmers and in training programmes for mastering of swimming techniques (field teaching) (7P)

<i>1.5. Form of teaching</i>	<input checked="" type="checkbox"/> lectures <input type="checkbox"/> seminars and workshops <input checked="" type="checkbox"/> practices <input checked="" type="checkbox"/> distance teaching <input checked="" type="checkbox"/> field teaching	<input type="checkbox"/> independent work <input type="checkbox"/> multimedia and web <input type="checkbox"/> laboratory <input type="checkbox"/> supervised work <input type="checkbox"/> other
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1.6. Comments

1.7. Students' obligations

Regular lecture attendance, active participation in classes, active participation in training programmes for non-swimmers and in training programmes for mastering of swimming techniques (field teaching)

1.8. Monitoring⁷ of students' performance

Lecture attendance	0,5	Student's engagement during the course	0,5	Seminar paper	Experimental work	
Written exam		Oral exam	2	Essay	Research	
Project		Continuous knowledge assessment		Report	Practical work	2
Portfolio						

⁷ **IMPORTANT:** For each activity of monitoring students' performance, it is necessary to enter appropriate share of ECTS credits, so that the sum of shared ECTS credits per each activity corresponds to the total number of ECTS credits assigned to the course. Blank fields can be used for entering additional activities.

<i>1.9. Grading and evaluation of student work during the course and at the final exam</i>		
Lecture attendance 15%		
Practical work (exam) 45%		
Theory exam 25%		
Participation in field teaching 15%		
<i>1.10. Compulsory reading list (valid as of the study program proposal)</i>		
1. Volčanšek, B. (2002). Bit plivanja, Zagreb: Kineziološki fakultet Sveučilišta u Zagrebu (University Handbook)		
2. Rastovski, D., Grčić-Zubčević, N., Szabo, I. (2016). Kako plivati, Osijek: Fakultet za odgojne i obrazovne znanosti (University Handbook)		
<i>1.11. Optional reading list (valid as of the study program proposal)</i>		
<i>1.12 Number of copies of required reading materials in relation to the number of students currently attending the course</i>		
<i>Title</i>	<i>Number of copies</i>	<i>Number of students</i>
<i>1.13. Method of monitoring the quality of teaching with respect to accomplishment of learning outcomes</i>		
Anonymous student survey		

General information		
Course teacher	Assist. Prof. Dr. Hrvoje Ajman	
Course title	Theory and Methodology of Athletics	
Study programme	Undergraduate University Study Programme of Kinesiology	
Course status	Obligatory	
Study year	First study year	
Credit value and teaching delivery mode	ECTS student workload	5
	Number of teaching hours (L+P+S)	(15+45+0)

1. COURSE DESCRIPTION
<i>1.1. Course objectives</i>
To acquire theoretical and practical knowledge about the structures of movement and methods of teaching athletic disciplines of walking, running, throwing and jumping, and their application in education, recreation and sports.
<i>1.2. Course entry requirements</i>
No course entry requirements
<i>1.3. Intended learning outcomes at the course level</i>
Students shall acquire theoretical and practical knowledge necessary for teaching walking, running, jumping and throwing. In addition to understanding the theory, students will be able to demonstrate elements of techniques and methodical exercises and procedures for teaching the disciplines of walking, running, jumping and throwing. Students will be able to: 1. present the technique of basic elements of walking, sport walking, running, sprint running, starts in athletics and relay running; 2. apply the methodology of teaching the basic elements of walking, sport walking, running, sprint running, starts in athletics and relay running; 3. analyse and recognise the correct performance and errors in performance of basic elements of walking, sport walking, running, sprint running, starts in athletics and relay running; 4. apply methodological procedures for elimination of errors in basic elements of walking, sport walking, running, sprint running, starts in athletics and relay running; 5. present the technique of performing elementary pre-exercises and throwing and jumping exercises; throwing a medicine ball, throwing a ball, shot put by gliding, throwing a vortex ball, two-leg and one-leg hoop and jump, jumping exercises, long tuck jump, scissors high jump; 6. apply the methodology of teaching basic methodical exercises of throwing and jumping techniques; long tuck jump, scissors high jump
<i>1.4. Course content</i>
Sport walking. Kinesiological analysis. Running on short, medium and long distances. Division, kinesiological analysis. Relay races: Kinesiological analysis. Hurdles: Division, kinesiological analysis. Introduction to athletic jumping: definition, classification. Long jump: history, kinesiological analysis. High jump: history, kinesiological analysis.

Introduction to throwing: definition, classification.
 Shot put: kinesiological analysis, rules.
 Javelin throw: kinesiological analysis, rules.
 Learning walking techniques and sport walking. Exercises for learning of walking and sport walking techniques.
 Learning the technique of running in an analytical way: review and analysis of teaching basic exercises of running.
 Learning the techniques of different starts in walking and running, their application and specificities. Exercises for learning starts and acceleration at starting.
 Learning the technique of sprint running - the technique of running in curves, the technique of running in the finish. Low start learning exercises.
 Learning the techniques of passing a relay baton. Types and methods of passing. Learning 4x60 and 4x400 m relay running techniques. Elementary relays.
 Relay competitions.
 Methodical exercises for learning the jumping over hurdles.
 Methodical exercises for learning the technique of running the hurdles.
 Running and reflection in long jump, teaching horizontal jumping, running and reflection.
 Long jump technique: tuck jump.
 Competition and measurement of results in long jump.
 Vertical jumping, oversteps, teaching vertical jumping and overstepping technique.
 Teaching run-up and reflection at scissors high jump.
 Connecting the high jump technique with scissors high jump, competition and measurement of results.
 Two-handed throws, teaching to throw medicine ball with two hands.
 Shot puts, teaching throwing at shot puts.
 Competition and measurement of results at shot puts.
 Throwing balls, throwing vortex, teaching the technique of throwing balls and vortex.

<i>1.5. Form of teaching</i>	<input checked="" type="checkbox"/> lectures <input type="checkbox"/> seminars and workshops <input checked="" type="checkbox"/> practices <input type="checkbox"/> distance teaching <input type="checkbox"/> field teaching	<input type="checkbox"/> independent work <input type="checkbox"/> multimedia and web <input type="checkbox"/> laboratory <input type="checkbox"/> supervised work <input type="checkbox"/> other _____
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1.6. Comments

1.7. Students' obligations

Students are obliged to attend classes in all forms of teaching. They are obliged to pass the practical exam as a precondition for taking the written and oral exam. Student can skip classes according to the Ordinance on Studies and Studying.

1.8. Monitoring⁸ of students' performance

Lecture attendance		Student's engagement during the course		Seminar paper	Experimental work	
Written exam	1	Oral exam	1.0	Essay	Research	
Project		Continuous knowledge assessment	1	Report	Practical work	2.0
Portfolio						

⁸ **IMPORTANT:** For each activity of monitoring students' performance, it is necessary to enter appropriate share of ECTS credits, so that the sum of shared ECTS credits per each activity corresponds to the total number of ECTS credits assigned to the course. Blank fields can be used for entering additional activities.

1.9. Grading and evaluation of student work during the course and at the final exam

The exam consists of:

- a) practical part
- b) theoretical part.

Practical part of the exam consists of a demonstration of correct motor skills in walking, running, throwing and jumping. Students need to demonstrate all motor skills properly in order to proceed to the written exam. Theoretical part of the exam is passed within two preliminary exams during the academic year or within one final exam.

1.10. Compulsory reading list (valid as of the study program proposal)

- 1. Babić, V. (2010). Atletika hodanja i trčanja. Zagreb: Kineziološki fakultet Sveučilišta u Zagrebu.
- 2. Šnajder, V. (1997). Na mjesta, pozor... Fakultet za fizičku kulturu Sveučilišta u Zagrebu.
- 3. Međunarodna pravila za atletska natjecanja. Zagreb: Hrvatski atletska savez (IAAF Competition rules 2010-2013)

1.11. Optional reading list (valid as of the study program proposal)

- 4. Milanović, D., Hofman, E., Puhanić, V., Šnajder, V. (1986). Atletika - znanstvene osnove. Zagreb: Fakultet za fizičku kulturu Sveučilišta u Zagrebu.
- 5. Antekolović, Lj., Baković, M. (2008). Skok u dalj. Zagreb: Miš.
- 6. Bodnarčuk, A. P. et al. (1984). Atletska bacanja. Zagreb: Zagrebački sportski savez, Zagrebački atletska savez.

1.12. Number of copies of required reading materials in relation to the number of students currently attending the course

<i>Title</i>	<i>Number of copies</i>	<i>Number of students</i>

1.13. Method of monitoring the quality of teaching with respect to accomplishment of learning outcomes

Records on student's exam taking and success at exam. Survey on students' interest into and understanding of teaching materials.

General information		
Course teacher	Assist. Prof. Dr. Danijela Kuna	
Course title	Basics of Kinesiological Recreation	
Study programme	Undergraduate University Study Programme of Kinesiology	
Course status	Obligatory	
Study year	First study year	
Credit value and teaching delivery mode	ECTS student workload	5
	Number of teaching hours (L+P+S)	(15+15+30)

1.COURSE DESCRIPTION

1.1. Course objectives

To teach students how to set systematically the basic criteria for application of different types of kinesiology recreation programmes for people of different ages and gender. By respecting specific working conditions in social and economic areas, students will be able to organise and implement various programmes of kinesiological recreation. In addition to the basic knowledge about the sequence and principles of application of kinesiology recreation programmes, students will acquire competencies in creating and implementing individual transformational programmes of recreational exercise.

1.2. Course entry requirements

No course entry requirements

1.3. Intended learning outcomes at the course level

Students will be able to understand the rules of recreation as a kinesiological utility, and to apply knowledge in the process of organising kinesiological recreation by respecting various conditions and needs of participants. In addition, students will be able to:

1. analyse and identify criteria for implementation of specific kinesiology programmes in practice,
2. theoretically and practically integrate basic knowledge of kinesiology,
3. create procedures for developing and planning team work for experts in other fields,
4. apply individual and team work in implementation of transformation programmes of kinesiological recreation,
5. monitor the dynamics of changes in the profession and develop ability to adapt to the labour market,
6. present various projects related to kinesiological recreation.

1.4. Course content

Teaching topics:

General definitions and division of kinesiological recreation according to the areas, interdisciplinarity and positioning of kinesiological recreation in relation to kinesiology and other scientific fields;

Definitions and division of recreation, sports recreation, kinesiological recreation;

Principles of kinesiological recreation;

Aims and functions of kinesiological recreation;

Programmes and contents of kinesiological recreation and their division according to types and purposes;

Kinesiological recreation in the function of improving working and professional skills;

Characteristics of working, fatigue, rest and recovery (models of physical exercise adjusted to working population);
 Systematization of kinesiological recreation in free time, according to the structure of participants, place, time, method of implementation and aims;
 Importance, role and tasks of experts in kinesiological recreation;
 Models of organising sports recreation outside of the place of residence;
 Motivation of participants for regular recreation and exercise;
 Change in anthropological characteristics due to aging and adaptation of appropriate kinesiological treatments;
 Preventive programmes of sports recreation;
 Sports recreation and tourism (conditions in the Republic of Croatia and in the world, role and functions of sports recreation, models of implementation);
 Contemporary and actual selective programmes in tourism (health, climate, wellness, spa, teambuilding, active vacation, etc.);
 Health-preventive programmes of sports recreation in tourism (medically programmed active vacation);
 Social and economic conditionality of kinesiological recreation; management and governance structures and opportunities for development of kinesiological recreation in the Republic of Croatia;
 Negative effects of modern lifestyle (morphogenic factors);
 Hypokinesia (definition, evolution review, analysis of the current situation, possible solutions to the problem);
 Stress (conceptual definition, most common stressors, stress and physical activity, prevention, stress management);
 Overweight (causes, consequences, importance and possibilities of physical activity / sports recreation in prevention of obesity, mitigation and/or elimination of difficulties);
 Transitive forms of activities in sports recreation (definition, structure, characteristics);
 Role and importance of outdoor sports and recreational programmes;
 Complementary programmes of sports recreation.

<i>1.5. Form of teaching</i>		<input checked="" type="checkbox"/> lectures <input checked="" type="checkbox"/> seminars and workshops <input checked="" type="checkbox"/> practices <input type="checkbox"/> distance teaching <input checked="" type="checkbox"/> field teaching	<input checked="" type="checkbox"/> independent work <input checked="" type="checkbox"/> multimedia and web <input type="checkbox"/> laboratory <input checked="" type="checkbox"/> supervised work <input type="checkbox"/> other				
<i>1.6. Comments</i>							
<i>1.7. Students' obligations</i>							
Regular lecture attendance, active participation in the teaching process.							
<i>1.8. Monitoring⁹ of students' performance</i>							
Lecture attendance	1	Student's engagement during the course	0.5	Seminar paper	1	Experimental work	
Written exam	1	Oral exam	1	Essay		Research	
Project		Continuous knowledge	0.5	Report		Practical work	

⁹ **IMPORTANT:** For each activity of monitoring students' performance, it is necessary to enter appropriate share of ECTS credits, so that the sum of shared ECTS credits per each activity corresponds to the total number of ECTS credits assigned to the course. Blank fields can be used for entering additional activities.

		assessment					
Portfolio							
1.9. Grading and evaluation of student work during the course and at the final exam							
Class attendance and activity - 10%; Seminar paper - 10% (10 points); Project – 10% (10 points); Continuous knowledge assessment - 20%; Practical work - 20%; Final oral exam – 30%.							
1.10. Compulsory reading list (valid as of the study program proposal)							
<p>Zenić, Sekulić, N. (2011). <i>Elementi kineziološke rekreacije: kineziološka rekreacija, slobodno vrijeme i društveni utjecaji</i>. Split: Kineziološki fakultet Split.</p> <p>Andrijašević, M. (2010). <i>Kineziološka rekreacija</i>. Zagreb: Kineziološki fakultet Zagreb.</p> <p>Bilić, Ž., Bonacin, D. (2007). <i>Uvod u kineziološku rekreaciju</i>. Mostar: Fakultet prirodoslovno-matematičkih i odgojnih znanosti.</p> <p>Andrijašević, M. (2004). <i>Suvremeni programi sportske rekreacije</i>, in: Bartoluci, M. (ed.) <i>Zbornik radova međunarodnog znanstvenog skupa Sport u turizmu</i>, Zagreb.</p>							
1.11. Optional reading list (valid as of the study program proposal)							
<ol style="list-style-type: none"> 1. Kuna, D., Jenko Miholić, S., Peršun, J. (2018). Intensifying physical education classes through the application of contemporary aerobics program. <i>Acta Kinesiologica</i>, 12(2), 45-50. 2. Andrijašević, M., Jurakić, D (ed.) (2011). <i>Sportska rekreacija u funkciji unapređenja zdravlja</i>. Zagreb: Kineziološki fakultet Zagreb. 3. Jurakić, D., Andrijašević, M., Pedišić, Ž. (2010). Osnove strategije za unapređenje tjelesne aktivnosti i zdravlja zaposlenika srednje dobi s obzirom na obilježja radnog mjesta i sklonosti ka sportsko-rekreacijskim aktivnostima. <i>Sociologija i prostor</i>, 48(1): 113-131. 4. Andrijašević, M. (ed.) (2009). <i>Upravljanje slobodnim vremenom sadržajima sporta i rekreacije</i>. Zagreb: Kineziološki fakultet Zagreb. 5. Andrijašević, M. (ed.). (2008). <i>Kineziološka rekreacija i kvaliteta života. Zbornik radova međunarodne znanstveno-stručne konferencije</i>, Kineziološki fakultet Zagreb. 6. Andrijašević, M. (2004). Programi i sadržaji razvoja sportsko-rekreacijskog turizma u Hrvatskoj. in: Bartoluci, M. et al. (ed.) <i>Menadžment u sportu i turizmu</i>. Zagreb: KF, EF. 							
1.12. Number of copies of required reading materials in relation to the number of students currently attending the course							
Title				Number of copies		Number of students	
1.13. Method of monitoring the quality of teaching with respect to accomplishment of learning outcomes							
Anonymous student survey							

General information		
Course teacher	Prof. Dr. Aleksandar Včev	
Course title	Physiology of Sport and Exercise	
Study programme	Undergraduate University Study Programme of Kinesiology	
Course status	Obligatory	
Study year	First study year	
Credit value and teaching delivery mode	ECTS student workload	5
	Number of teaching hours (L+P+S)	(30+0+30)

1. COURSE DESCRIPTION		
<i>1.1. Course objectives</i>		
<p>During teaching of Physiology of Sport and Exercise, students will be introduced to the basic mechanisms of functioning of organs and organ systems. Furthermore, students will be explained the responses and adjustments of physical structures and functions to physical activity and training. They will be introduced to achievements of sports physiology in the process of training of athletes to improve sports results. Students will master the skills of functional diagnostics and learn to interpret test results.</p>		
<i>1.2. Course entry requirements</i>		
There are no special course entry requirements other than those defined in the curriculum.		
<i>1.3. Intended learning outcomes at the course level</i>		
<p>Upon completion of the course, students will be able to:</p> <ol style="list-style-type: none"> 1. compare physiological functions of a healthy organism by organ systems 2. assess the adaptation of an organism and organ systems to physical activity 3. predict physiological reactions of an organism to fatigue, overtraining and other altered physiological conditions 4. analyse results of functional diagnostic tests 		
<i>1.4. Course content</i>		
<p>Introduction to the physiology of sport. Nervous system: movement control. Skeletal muscles: structure and function. Adaptation of the nervous-muscular system to physical activity. Adaptation of the cardiovascular and respiratory systems to physical activity. Hormonal response to physical activity. Metabolism during physical activity. Principles, performance and interpretation of spiroergometry and its results. Basics of electrocardiography in sports physiology. Determination of lung volume and capacity.</p>		
<i>1.5. Form of teaching</i>	<input checked="" type="checkbox"/> lectures <input checked="" type="checkbox"/> seminars and workshops <input type="checkbox"/> practices <input type="checkbox"/> distance teaching <input type="checkbox"/> field teaching	<input type="checkbox"/> independent work <input type="checkbox"/> multimedia and web <input type="checkbox"/> laboratory <input type="checkbox"/> supervised work <input type="checkbox"/> other
<i>1.6. Comments</i>		
<i>1.7. Students' obligations</i>		
Lecture attendance is obligatory. According to the Ordinance on Studies and Studying at Josip		

Juraj Strossmayer University of Osijek, students can skip classes in amount of 30% of the total number of teaching hours within the course by still having a right to take the exam.

1.8. Monitoring¹⁰ of students' performance

Lecture attendance		Student's engagement during the course	0,5	Seminar paper	1,5	Experimental work	
Written exam	3	Oral exam		Essay		Research	
Project		Continuous knowledge assessment		Report		Practical work	
Portfolio							

1.9. Grading and evaluation of student work during the course and at the final exam

Lecture attendance = 10%

Seminar paper = 20%

Written exam = 70%

Final grade

Final exam consists of a written exam and a seminar paper, both comprised in a total of 100 points (written exam: max. 70 points, seminar paper: max. 20 points, activity during classes: max. 10 points).

Formulation of the final grade

Points that students earn during the course are added to the points earned at the final exam. Grading according to the ECTS system is performed by absolute distribution, i.e. based on the final achievements as of the following points achieved:

A – excellent (5): 90-100 points

B – very good (4): 80-89.99 points

C – good (3): 70-79.99 points

D – sufficient (2): 60-69.99 points

1.10. Compulsory reading list (valid as of the study program proposal)

1. Matković B, Ružić L. Physiology of Sport and Exercise. Zagreb: Odjel za izobrazbu trenera Društvenog veleučilišta u Zagrebu, Kineziološki fakultet Sveučilišta u Zagrebu; 2009.

1.11. Optional reading list (valid as of the study program proposal)

1. Guyton AC, Hall JE. Medicinska fiziologija. 13th Ed. Zagreb: Medicinska naklada; 2017. (selected chapters)

2. Kenney L, Wilmore J, Costill D. Physiology of Sport and Exercise. 5th Ed. Champaign, IL: Human Kinetics; 2012

1.12. Number of copies of required reading materials in relation to the number of students currently attending the course

<i>Title</i>	<i>Number of copies</i>	<i>Number of students</i>

¹⁰ **IMPORTANT:** For each activity of monitoring students' performance, it is necessary to enter appropriate share of ECTS credits, so that the sum of shared ECTS credits per each activity corresponds to the total number of ECTS credits assigned to the course. Blank fields can be used for entering additional activities.

<i>1.13. Method of monitoring the quality of teaching with respect to accomplishment of learning outcomes</i>		
<p>The quality of teaching is monitored through an anonymous student survey in which students evaluate quality of course delivery, teaching, course content and teacher's work. Furthermore, students also evaluate usefulness of lectures and teaching contents, teacher's teaching skills, clarity and quality of teacher's presentation skills, and amount of new course contents. Curriculum and its realisation are compared from an administrative point of view. Students' participation in the teaching process is monitored and reasons for their absence from classes are recorded and analysed.</p>		

General information		
Course teacher	Assoc. Prof. Dr. Vjekoslav Galzina	
Course title	Biomechanics	
Study programme	Undergraduate University Study Programme of Kinesiology	
Course status	Obligatory	
Study year	First study year	
Credit value and teaching delivery mode	ECTS student workload	5
	Number of teaching hours (L+P+S)	(30 + 15 + 15)

1. COURSE DESCRIPTION

1.1. Course objectives

The course objective is to teach students about approaches to issues of biomechanics, its interdisciplinarity and the concept of assessment, measurement and study of human movement in different conditions, while introducing them to the external and internal laws of mechanics, i.e. biomechanics as a branch of applied mechanics, and teaching them how to apply those laws on biological systems by using experientially obtained data, and how to properly analyse and interpret biomechanical parameters and variables for qualitative and quantitative improvements of training programmes.

1.2. Course entry requirements

Obligatory course, no course entry requirements

1.3. Intended learning outcomes at the course level

Students will be able to:

1. recognise and interpret basic biomechanical variables in kinesiology and apply biomechanical approach to analysis of causes of motion and motion itself;
2. interpret basic physical, technical and biomechanical concepts, as well as physical theories and laws;
3. understand the methodology of biomechanical analysis and interpret the obtained data by using appropriate sensory analysis;
4. analyse the basic biomechanical elements in individual branches of sport;
5. evaluate the quality of movement technique in relation to biomechanical variables and parameters of a given locomotor system and within the border conditions and working conditions.

1.4. Course content

Definition of biomechanics as an interdisciplinary branch of science; research and application models; external and internal elements of biomechanics; about mechanics; fluid mechanics and heat science; development of measurement techniques and technologies; common laws of mechanics (force, linear kinematics and kinetics, torque, angular kinematics and kinetics); biomechanical properties of biological material; basics of movement (mechanisms of the locomotor system and their function); geometric features of human body; basics of kinematics and dynamics of human body - anthropometry. Force and its application in sports disciplines (gravity, centre of gravity, reaction force, friction, tension, buoyant force, resistance force (fluid mechanics: aerostatics, aerodynamics, hydrostatics and hydrodynamics); work, strength, energy (estimation of force, work and strength at movements); qualitative biomechanical analysis.

<i>1.5. Form of teaching</i>		<input checked="" type="checkbox"/> lectures <input checked="" type="checkbox"/> seminars and workshops <input checked="" type="checkbox"/> practices <input type="checkbox"/> distance teaching <input type="checkbox"/> field teaching			<input type="checkbox"/> independent work <input type="checkbox"/> multimedia and web <input type="checkbox"/> laboratory <input type="checkbox"/> supervised work <input type="checkbox"/> other		
<i>1.6. Comments</i>							
<i>1.7. Students' obligations</i>							
Students are obliged to attend practices, while having a possibility to skip 30% of the total number of teaching hours. During the course, students are obliged to prepare seminar papers and to present them orally. The exam can be passed within two partial preliminary exams.							
<i>1.8. Monitoring¹¹ of students' performance</i>							
Lecture attendance	X	Student's engagement during the course	X	Seminar paper	X	Experimental work	
Written exam	X	Oral exam	X	Essay		Research	
Project		Continuous knowledge assessment	X	Report		Practical work	
Portfolio							
<i>1.9. Grading and evaluation of student work during the course and at the final exam</i>							
Elements for assessment of students' performance: - class attendance 10% - two preliminary exams or one final written exam 40% (each preliminary exam is valued with 20%) - prepared and orally presented seminar paper 20% - oral exam 30%							
<i>1.10. Compulsory reading list (valid as of the study program proposal)</i>							
1. M. Dželalija, N. Rausavljević (2003). Biomehanika sporta, Sveučilište u Splitu. 2. Mejovšek, M. (1997). Biomehanika sporta. in: Priručnik za sportske trenere (Ed. D. Milanović), Fakultet za fizičku kulturu, Zagreb, 359-394							
<i>1.11. Optional reading list (valid as of the study program proposal)</i>							
1. Özkaya, N. (2017). Fundamentals of Biomechanics, 4 th Ed., Springer International Publishing 2. McGinnis, P.M. (2013). Biomechanics of Sport and Exercise, 3 rd Ed., State University of New York, College at Cortland, Human Kinetics 3. Knudson, D. (2007) Fundamentals of Biomechanics, 2nd Ed., Springer Science+Business Media, LLC 4. Rose, J., Gamble, J.G., (Eds.) (1994) Human Walking - Second edition. Williams&Williams, Baltimore, Md. 5. Ed. Zatsiorsky, V.M. (2000) Biomechanics in sport: performance improvement and injury prevention, Blackwell Science Ltd.							
<i>1.12. Number of copies of required reading materials in relation to the number of students currently attending the course</i>							

¹¹ **IMPORTANT:** For each activity of monitoring students' performance, it is necessary to enter appropriate share of ECTS credits, so that the sum of shared ECTS credits per each activity corresponds to the total number of ECTS credits assigned to the course. Blank fields can be used for entering additional activities.

<i>Title</i>	<i>Number of copies</i>	<i>Number of students</i>
<i>1.13. Method of monitoring the quality of teaching with respect to accomplishment of learning outcomes</i>		
Anonymous student survey completed at the end of the study year.		

General information		
Course teacher	Assist. Prof. Dr. Zvonimir Tomac	
Course title	Theory and Methodology of Elementary Gymnastics	
Study programme	Undergraduate University Study Programme of Kinesiology	
Course status	Obligatory	
Study year	First study year	
Credit value and teaching delivery mode	ECTS student workload	5
	Number of teaching hours (L+P+S)	(15+45+ 0)

1. COURSE DESCRIPTION
<i>1.1. Course objectives</i>
<p>Course objectives are:</p> <p>To introduce students to basic information about gymnastics, its importance and forms;</p> <p>To obtain theoretical and practical knowledge about the structures of movement and about teaching methods in sports and rhythmic gymnastics in order to use them in areas of applied kinesiology;</p> <p>To prepare students for teach contents of sports gymnastics in educational institutions;</p> <p>To teach students about basic structures of movements in gymnastics; learning about basic elements of women's gymnastics; learning about basic elements of rhythmic gymnastics.</p>
<i>1.2. Course entry requirements</i>
<i>1.3. Intended learning outcomes at the course level</i>
<p>Students will be able to:</p> <ol style="list-style-type: none"> 1. Apply basic movement structures of men's and women's gymnastics at all levels of educational system 2. Apply basic movement structures of rhythmic gymnastics at all levels of educational system 3. Devise and implement specific training programmes by respecting age, gender and developmental characteristics of trainees 4. Diagnose and control the level of specific motor skills referring to basic elements of sports and rhythmic gymnastics
<i>1.4. Course content</i>
<p>Kinesiological and anthropological analysis of gymnastics.</p> <p>Definition, contents and analysis of the term gymnastics, sports gymnastics and acrobatics.</p> <p>Disciplines of gymnastics (dimensions of apparatus). Characteristics of exercises in individual gymnastic disciplines. (2L)</p> <p>Basic concepts and terminology of gymnastics. Systematisation of elements in gymnastics. The origin of systematisation in gymnastics.</p> <p>Division of apparatus by height. Division of apparatus along the axis. The attitude of trainees towards the apparatus. Basic types of grips. Basic groups of gymnastic elements. Basic positions on apparatus - hangs and supports. Division of gymnastic elements into structural groups. (2L)</p> <p>The process of mastering elements in gymnastics. The role and importance of the learning process in gymnastics. Organisation and implementation of gymnastics contents (material</p>

<p>conditions: facilities, apparatus, auxiliary apparatus) (2L) Rhythmic gymnastics: History and organisation of rhythmic gymnastics, applicable values of rhythmic gymnastics in applied kinesiology. Methodical procedures for mastering of elements in rhythmic gymnastics (walking, running, dance steps, swings, circling, wavy movements, eights, hoops and jumps, turns and pirouettes, balance positions and acrobatic elements). Men's and women's gymnastics: Floor: front flip, backflip; head stand (tucked, piked, splited); hand stand; sideway flip with turn by 180 degrees backwards – "rondad", flip forward, flip backward, somersault forward, somersault backward. Pommel horse: leg swings; circles and flairs with spindles. Rings: body swing in front and back directions, piked inverted hang - straight-body inverted hang - piked inverted hang dismounts. Jumps: tucked jump, scissor jump, along the width and length of pommel horse. Bars: swings and supports; dismount from a swing (two-feet, straddle), swing mount, flip forward, shoulder stand. Parallel bars: swing with dismount, mount with tucked flank over the bar, flank forward, flank backward, dismounts sideways and to the squatted support. Uneven bars: one-leg and two-leg kip up to the lower bar; dismount to the squat support, leg swing and swing circle up over the bar tucked and straddled; swing dismount from the lower bar. Balance beam: basics of moving on the beam, styles of movements, straight jump with turn by 90 degrees, pull-up from squat and kneeling, two-leg turn by 90 degrees, squat jump, frontal and sideway to the beam; at the beam start, mount with the one-legged tucked flank over the beam. Rhythmic gymnastics Basic elements with a ball Basic elements with a rope Basic elements with a hoop Basic elements with clubs Basic elements with a ribbon Basic steps of folk and social dances.</p>							
<i>1.5. Form of teaching</i>		<input checked="" type="checkbox"/> lectures <input type="checkbox"/> seminars and workshops <input checked="" type="checkbox"/> practices <input checked="" type="checkbox"/> distance teaching <input type="checkbox"/> field teaching			<input type="checkbox"/> independent work <input type="checkbox"/> multimedia and web <input type="checkbox"/> laboratory <input type="checkbox"/> supervised work <input type="checkbox"/> other		
<i>1.6. Comments</i>							
<i>1.7. Students' obligations</i>							
<i>1.8. Monitoring¹² of students' performance</i>							
Lecture attendance	0,5	Student's engagement during the course	X	Seminar paper		Experimental work	

¹² **IMPORTANT:** For each activity of monitoring students' performance, it is necessary to enter appropriate share of ECTS credits, so that the sum of shared ECTS credits per each activity corresponds to the total number of ECTS credits assigned to the course. Blank fields can be used for entering additional activities.

Written exam		Oral exam	1	Essay		Research	
Project		Continuous knowledge assessment	1	Report		Practical work	2,5
Portfolio							
<i>1.9. Grading and evaluation of student work during the course and at the final exam</i>							
<i>1.10. Compulsory reading list (valid as of the study program proposal)</i>							
<ol style="list-style-type: none"> Živčić Marković, Kamenka; Krističević, Tomislav. Osnove sportske gimnastike. Zagreb: Kineziološki fakultet Sveučilišta u Zagrebu, 2016 Živčić, K. (2007). Akrobatska abeceda u sportskoj gimnastici. Zagreb: Kineziološki fakultet Sveučilišta u Zagrebu Živčić, K., Breslauer, N. (2011). Opis nastavnih tema i kriteriji ocjenjivanja – Tjelesna i zdravstvena kultura u razrednoj nastavi. Zagreb: LIP PRINT Živčić, K., Breslauer, N., Stibilj-Batinić, T. (2008). Dijagnosticiranje i znanstveno verificiranje metodičkog postupka učenja u sportskoj gimnastici. <i>Odgovorne znanosti</i>, 1(15): 159-180 Hraski, Ž. (2008). Osnovni akrobatski elementi na tlu. Skripta. Zagreb: Kineziološki fakultet Furjan-Mandić, G. (2007). Ritmička gimnastika. Priručnik. Kineziološki fakultet Sveučilišta u Zagrebu 							
<i>1.11. Optional reading list (valid as of the study program proposal)</i>							
<ol style="list-style-type: none"> Čuk, I., Bolković, T., Bučar Pajek, M., Turšić, B., Bricelj, A. (2009). Teorija in metodika športne gimnastike – vaje (delovni zvezek za študente univerzitetnega študija). Ljubljana: Fakulteta za šport, Univerza v Ljubljani Hraski Ž., Krističević, T., Basić, R. (2003). Osnove treninga snage u sportskoj gimnastici, in: Milanović D., Jukić I. (ed.) Zbornik radova, Međunarodni znanstveno stručni skup „Kondicijska priprema sportaša“, 12. Zagrebački sajam sporta i nautike. Zagreb, 21-22 February, 529-532 Hraski, Ž., Mejovšek, M. (2004). Production of angular momentum for backward somersault. IASTED International Conference on Biomechanics, Honolulu, Hawaii, USA, 10-13 Mitchell, D., Davis, B., Lopez, R. (2002). Teaching Fundamental Gymnastic Skills. <i>Human Kinetics</i> 							
<i>1.12. Number of copies of required reading materials in relation to the number of students currently attending the course</i>							
<i>Title</i>				<i>Number of copies</i>		<i>Number of students</i>	
<i>1.13. Method of monitoring the quality of teaching with respect to accomplishment of learning outcomes</i>							

General information		
Course teacher	Assist. Prof. Dr. Josip Cvenić	
Course title	Theory and Methodology of Sports Games 1	
Study programme	Undergraduate University Study Programme of Kinesiology	
Course status	Obligatory	
Study year	First study year	
Credit value and teaching delivery mode	ECTS student workload	5
	Number of teaching hours (L+P+S)	(15+45+0)

1.COURSE DESCRIPTION		
<i>1.1. Course objectives</i>		
To teach students about the importance of basic knowledge and skills in handball and football. To introduce students to the history, rules and organisation of competitions, techniques, teaching methods and basics of tactics of respective sports games.		
<i>1.2. Course entry requirements</i>		
No course entry requirements		
<i>1.3. Intended learning outcomes at the course level</i>		
Students will be able to: 1. acquire and demonstrate basic knowledge and skills in handball and football with special emphasis put on requirements of these sports in relation to conditioning issues. 2. explain the equation of the performance specification for each individual sport 3. describe the methodological sequence of basic structures of individual sports elements 4. apply appropriate auxiliary and elementary games from certain sports with the aim of developing technical knowledge and physical conditioning 5. describe and apply appropriate specific motor tests in a respective sport		
<i>1.4. Course content</i>		
Teaching hours will be distributed evenly to handball and football sports and will contain the following topics: Basic rules of handball and football games. Equation of the performance specification in handball and football. Model characteristics of athletes in handball and football. Influence of anthropological characteristics and abilities, as well as efficiency of training on success in handball and football. Analysis and methodology of teaching the basic structures of handball and football technique in phases of attacks and defences. Application of auxiliary and elementary games with handball and football ball with the aim of developing technical knowledge and physical conditioning in handball and football. Specific motor tests in handball and football (description and application).		
<i>1.5. Form of teaching</i>	<input checked="" type="checkbox"/> lectures <input type="checkbox"/> seminars and workshops <input checked="" type="checkbox"/> practices <input type="checkbox"/> distance teaching <input type="checkbox"/> field teaching	<input type="checkbox"/> independent work <input type="checkbox"/> multimedia and web <input type="checkbox"/> laboratory <input type="checkbox"/> supervised work <input type="checkbox"/> other
<i>1.6. Comments</i>		
<i>1.7. Students' obligations</i>		

The exam is composed of a practical and oral part. Students are required to attend at least 70% of teaching hours of lectures and exercises. During the course, each student can take four written and practical preliminary exams, which can be together acknowledged as a complete practical and written exam.

1.8. Monitoring¹³ of students' performance

Lecture attendance		Student's engagement during the course		Seminar paper		Experimental work	
Written exam	2	Oral exam		Essay		Research	
Project		Continuous knowledge assessment		Report		Practical work	3
Portfolio							

1.9. Grading and evaluation of student work during the course and at the final exam

Practical exam (2 preliminary exams or one complete exam): 75%

Written exam (2 preliminary exams or one complete exam): 25%

1.10. Compulsory reading list (valid as of the study program proposal)

- Vuleta, D., Milanović D., et al. (2009). Science in Handball. Zagreb: Faculty of Kinesiology University of Zagreb
- Reilly, T., Cabri, J., & Araújo, D. (Eds.). (2005). *Science and Football V: The Proceedings of the Fifth World Congress on Sports Science and Football*. Routledge.

1.11. Optional reading list (valid as of the study program proposal)

- Vuleta, D., Milanović, D., et al. (2004): Rukomet znanstvena istraživanja. Kineziološki fakultet Sveučilišta u Zagrebu
- Barišić, V. (1996): Strukturalna analiza nogometne igre na temelju nekih antropoloških karakteristika. Magistarski rad, Fakultet za fizičku kulturu u Zagrebu

1.12. Number of copies of required reading materials in relation to the number of students currently attending the course

<i>Title</i>	<i>Number of copies</i>	<i>Number of students</i>

1.13. Method of monitoring the quality of teaching with respect to accomplishment of learning outcomes

Records on student's exam taking and success at exam. Survey on students' interest into and understanding of teaching materials. Uniform University Student Survey.

¹³ **IMPORTANT:** For each activity of monitoring students' performance, it is necessary to enter appropriate share of ECTS credits, so that the sum of shared ECTS credits per each activity corresponds to the total number of ECTS credits assigned to the course. Blank fields can be used for entering additional activities.

General information		
Course teacher	Assist. Prof. Dr. Josip Cvenić	
Course title	Theory and Methodology of Sports Games 2	
Study programme	Undergraduate University Study Programme of Kinesiology	
Course status	Obligatory	
Study year	First study year	
Credit value and teaching delivery mode	ECTS student workload	5
	Number of teaching hours (L+P+S)	(15+45+0)

1.COURSE DESCRIPTION		
<i>1.1. Course objectives</i>		
Students shall learn about the importance of basic knowledge and skills in basketball and volleyball. Students will be introduced to the history, rules and organisation of competitions, techniques, teaching methods and basics of tactics of respective sports games.		
<i>1.2. Course entry requirements</i>		
No course entry requirements		
<i>1.3. Intended learning outcomes at the course level</i>		
Students will be able to:		
<ol style="list-style-type: none"> 1. acquire and demonstrate basic knowledge and skills in basketball and volleyball with special emphasis put on requirements of these sports in relation to conditioning issues. 2. explain the equation of the performance specification for each sport 3. describe the methodological sequence of basic structures of individual sports elements 4. apply appropriate auxiliary and elementary games from mentioned sports with the aim of developing technical knowledge and physical conditioning 5. describe and apply appropriate specific motor tests in a particular sport 		
<i>1.4. Course content</i>		
Teaching hours will be distributed evenly to basketball and volleyball and will contain the following topics: Basic rules of basketball and volleyball games. Equation of the performance specification in basketball and volleyball. Model characteristics of athletes in basketball and volleyball. Influence of anthropological characteristics and abilities, as well as efficiency of training on success in basketball and volleyball. Analysis and methodology of teaching the basic structures of basketball and volleyball techniques in phases of attacks and defences. Application of auxiliary and elementary games with basketball and volleyball ball with the aim of developing technical knowledge and physical conditioning in basketball and volleyball. Specific motor tests in basketball and volleyball (description and application).		
<i>1.5. Form of teaching</i>	<input checked="" type="checkbox"/> lectures <input type="checkbox"/> seminars and workshops <input checked="" type="checkbox"/> practices <input type="checkbox"/> distance teaching <input type="checkbox"/> field teaching	<input type="checkbox"/> independent work <input type="checkbox"/> multimedia and web <input type="checkbox"/> laboratory <input type="checkbox"/> supervised work <input type="checkbox"/> other
<i>1.6. Comments</i>		
<i>1.7. Students' obligations</i>		

The exam is composed of a practical and oral part. Students are required to attend at least 70% of teaching hours of lectures and exercises. During the course, each student can take four written and practical preliminary exams, which can be together acknowledged as a complete practical and written exam.

1.8. Monitoring¹⁴ of students' performance

Lecture attendance		Student's engagement during the course		Seminar paper		Experimental work	
Written exam	2	Oral exam		Essay		Research	
Project		Continuous knowledge assessment		Report		Practical work	3
Portfolio							

1.9. Grading and evaluation of student work during the course and at the final exam

Practical exam (2 preliminary exams or one complete exam): 75%

Written exam (2 preliminary exams or one complete exam): 25%

1.10. Compulsory reading list (valid as of the study program proposal)

1. Marelić, N., Marelić, S., Đurković, T., Rešetar, T. (2008). Nastavne teme iz odbojke za osnovne škole – priručnik za učitelje tjelesne i zdravstvene kulture. Zagreb: Kineziološki fakultet Sveučilišta u Zagrebu

2. Matković, B., et al. (2010). Antropološka analiza košarkaške igre. Kineziološki fakultet u Zagrebu

1.11. Optional reading list (valid as of the study program proposal)

1. Janković, V. & N. Marelić (2003). Odbojka za sve. Zagreb. Autorska naklada

2. Tocigl, I. (1998). Košarkaški udžbenik. Fakultet prirodoslovno-matematičkih znanosti i odgojnih područja Sveučilišta u Splitu, Zavod za fizičku kulturu, Split

1.12. Number of copies of required reading materials in relation to the number of students currently attending the course

<i>Title</i>	<i>Number of copies</i>	<i>Number of students</i>

1.13. Method of monitoring the quality of teaching with respect to accomplishment of learning outcomes

Records on student's exam taking and success at exam. Survey on students' interest into and understanding of teaching materials. Uniform University Student Survey.

¹⁴ **IMPORTANT:** For each activity of monitoring students' performance, it is necessary to enter appropriate share of ECTS credits, so that the sum of shared ECTS credits per each activity corresponds to the total number of ECTS credits assigned to the course. Blank fields can be used for entering additional activities.

**SECOND STUDY YEAR of the Undergraduate University Study Programme of
Kinesiology**

General information		
Course teacher	Prof. Dr. Vesnica Mlinarević	
Course title	Pedagogy	
Study programme	Undergraduate University Study Programme of Kinesiology	
Course status	Obligatory	
Study year	Second year	
Credit value and teaching delivery mode	ECTS student workload	5
	Number of teaching hours (L+P+S)	(30+0+30)
1. COURSE DESCRIPTION		
<i>1.1 Course objectives</i>		
Gaining insight into basic problems of pedagogical theory and practice and developing competences for successful planning and organizing, and evaluating pedagogical processes and abilities in teamwork and in learning by solving problems within wider multicultural context in the culture of teaching, school and free time.		
<i>1.2 Course entry requirements</i>		
There are no requirements for course entry.		
<i>1.3 Intended learning outcomes at the course level</i>		
After passing the course, students will be able to:		
<ol style="list-style-type: none"> 1. analyses and explain definitions and basic concepts in pedagogy 2. explain and compare characteristics of specific pedagogy teachings and educational theories 3. explain and apply communicational approach to education 4. explain and compare alternative pedagogical conceptions 5. solve and evaluate problems in class and school surroundings within the future professional ethics 6. synthesise basic concepts and competences in the concept of lifelong learning. 		
<i>1.4 Course content</i>		
<p>The concept of education. Pedagogy – the science of education. Historical overview of pedagogy development. Educational ideal, objective and tasks of the educational activity. Basic educational fields (physical education, moral, intellectual, aesthetic education). Socialization. Acculturation. Family education. Pupil – active participant in education. Basics of methodology of educational work (suitable for all developmental phases of an individual). Interactive and communicational aspect of education (interpersonal relation, actors of its success, interaction and communication in educational process, suitable for working with athletes).</p> <p>Education and teaching (concept, structure and principles of educational process). Description of general and specific competences (knowledge and skills) that develop through this course: tasks and content of specific educational fields, skills necessary for implementation in teaching physical education, communication with pupils' parents and colleagues and in one's personal development.</p>		
<i>1.5 Form of teaching</i>	<input checked="" type="checkbox"/> lectures <input checked="" type="checkbox"/> seminars and workshops <input type="checkbox"/> practices	<input type="checkbox"/> independent work <input checked="" type="checkbox"/> multimedia and web <input type="checkbox"/> laboratory

		<input type="checkbox"/> distance teaching	<input checked="" type="checkbox"/> supervised work
		<input checked="" type="checkbox"/> field teaching	<input type="checkbox"/> other
<i>1.6 Comments</i>			
<i>1.7 Students' obligations</i>			
Writing of a seminar paper. Students write one seminar paper individually or in a group, which is, after presentation, critically evaluated with other students.			
<i>1.8 Monitoring of students' performance</i>			
Lecture attendance	x	Student's engagement during the course	x
		Seminar paper	x
		Experimental work	
Written exam	x	Oral exam	x
		Essay	
		Research	
Project		Continuous knowledge assessment	x
		Report	
		Practical work	
Portfolio			
<i>1.9 Grading and evaluation of student work during the course and the final exam</i>			
Manners of taking the exam: preliminary exam, written and oral exam. Passed preliminary exam, written and presented seminar paper, oral exam.			
<i>1.10 Compulsory reading list (valid as of the study programme proposal)</i>			
1. Carol C. Kuhlthau, Leslie K. Maniotes, Ann K. Caspari (2019). Vođeno istraživačko učenje – što je to? Zagreb. Školska knjiga.			
2. Konrad Paul Liessmann (2019). <i>Obrazovanje kao izazov</i> . Zagreb. Školska knjiga.			
3. Matijević, M., Bilić, V., Opić, S. (2016). <i>Pedagogija za učitelje i nastavnike</i> . Zagreb. Školska knjiga.			
<i>1.11 Optional reading list (valid as of the study programme proposal)</i>			
1. Julian Nida-Rümelin (2020) <i>Filozofija humanog obrazovanja</i> . Zagreb. Školska knjiga.			
2. Kirsti Lonka (2020). <i>Fenomenalno učenje iz Finske</i> . Zagreb. Školska knjiga.			
3. Mlinarević, V., Brust Nemet, M. (2012). <i>Izvannastavne aktivnosti u školskom kurikulumu</i> . Osijek: Sveučilište J. J. Strossmayera u Osijeku, Učiteljski fakultet u Osijeku.			
<i>1.12 Number of copies of required reading materials in relation to the number of students currently attending the course</i>			
<i>Title</i>	<i>Number of copies</i>	<i>of</i>	<i>Number of students</i>
Works listed in obligatory and optional reading lists.	3		60
<i>1.13 Method of monitoring the quality of teaching with respect to accomplishment of learning outcomes</i>			
Quality and implementation success of the course will be conducted through student survey and internal student survey at the Faculty as well as through evaluations during lectures.			

General information		
Course teacher	Assoc. Prof. Dr. Zvonimir Užarević	
Course title	Biological Kinanthropology	
Study programme	Undergraduate University Study Programme of Kinesiology	
Course status	Obligatory	
Study year	Second year	
Credit value and teaching delivery mode	ECTS student workload	5
	Number of teaching hours (L+P+S)	(30+15+15)

1.COURSE DESCRIPTION

1.1 Course objectives

The main objective of the course is to introduce students to fields that connect cognitions, principles and methods of contemporary biological anthropology research with kinesiology. Objective of the course is to acquire cognition on somatic and functional changes that occur during growth, development and maturation of children, on sexual dimorphism in context of biological features and characteristics relevant for sporting success and on phenomenon of aging. In addition, students will be able to access reflections on variability of biological features relevant for functional ability essential in achieving success in different sports. Information that students will acquire during the teaching process will give them insight into overview of biological sources and variability development essential to kinesiologicalists for quality planning, programming and evaluation of different kinesiological programmes in education, training processes for children and adolescents, recreational and fitness programmes for adults and people of older age.

1.2 Course entry requirements

Attended lectures in courses: Functional Anatomy and Physiology of Sports and Exercise.

1.3 Intended learning outcomes at the course level

After passing the exam, students will:

1. acquire knowledge for conducting morphological kinanthropometry assessments and their usage in assessing overnutrition and body composition
2. be able to assess differences in maturation of children and consequential differences in abilities connected to physical activity and exercise
3. plan and programme kinesiological programmes
4. evaluate training processes for children and the young
5. evaluate recreational exercise programmes and fitness programmes for adults
6. evaluate recreational exercise programmes and fitness programmes for people of older age
7. be able to measure morphological kinanthropometry assessments
8. calculate body composition using skinfold method
9. acquire knowledge on assessing overnutrition status by using different morphological measures and indexes
10. understand the dynamics of normal growth, development and maturation of children
11. cognise the difference between chronological and biological age in children
12. understand the process of aging, the influence of aging on abilities connected to physical activity and exercise, basics of inheriting specific biological characteristics.

1.4 Course content

Anthropology – definition, principles and research objectives
 Morphological anthropometry in kinesiology – definition and purpose
 Measurement procedures in morphological kinanthropometry
 Measuring longitudinal body dimensions
 Measuring transverse body dimensions
 Measuring circular body dimensions
 Measuring skinfold
 Body composition models
 Methods for assessing body composition
 Constitution – definition, research history and assessment methods
 Somatometric methods of determining constitution
 Factors of constitution shaping
 Variability of human somatotype
 Influence of sport on development of somatotype
 Growth, development and maturation
 Methods of monitoring growth
 Factors that influence growth, development and maturation
 Seasonal variations of growth and secular growth
 Biological maturation
 Puberty and adolescence
 Methods of determining physiological age
 Sexual dimorphism – morphological body characteristics
 Sexual dimorphism – constitution and body composition
 Morphological and biological aspects of aging
 Theories on aging
 Changes in body composition and functional features during aging
 Chronic illnesses – increase in frequency during aging
 Physical activity as a factor in maintaining functional abilities in older age
 Genetic research of biological features in sports
 Adaptation – impact of microclimate on human organism

<i>1.5 Form of teaching</i>	<input checked="" type="checkbox"/> lectures <input checked="" type="checkbox"/> seminars and workshops <input checked="" type="checkbox"/> practices <input type="checkbox"/> distance teaching <input type="checkbox"/> field teaching	<input type="checkbox"/> independent work <input type="checkbox"/> multimedia and web <input type="checkbox"/> laboratory <input type="checkbox"/> supervised work <input type="checkbox"/> other
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1.6 Comments All information regarding the course as well as exam terms will be published on the Faculty of Kinesiology website.

1.7 Students' obligations
 Students are obliged to attend lectures regularly, participate in them actively and perform all tasks laid down in the course syllabus.

1.8 Monitoring¹⁵ of students' performance

Lecture attendance	<input checked="" type="checkbox"/>	Student's engagement during the course	<input checked="" type="checkbox"/>	Seminar paper	<input checked="" type="checkbox"/>	Experimental work	
Written		Oral exam	<input checked="" type="checkbox"/>	Essay		Research	

¹⁵**IMPORTANT:** For each activity of monitoring students' performance, it is necessary to enter appropriate share of ECTS credits, so that the sum of shared ECTS credits per each activity corresponds to the total number of ECTS credits assigned to the course. Blank fields can be used for entering additional activities.

exam							
Project		Continuous knowledge assessment	■	Report		Practical work	■
Portfolio							
<i>1.9 Grading and evaluation of student work during the course and at the final exam</i>							
Students are obliged to attend lectures regularly and participate actively in all elements of the teaching process. The final grade in the course Biological Kinanthropology is determined on the basis of points gained from two preliminary exams (with topics from lectures and seminars), each exam carrying 30% of the final grade and one practical preliminary exam (with topics from practices) that carries 20% of the final grade. The oral part of the exam carries 20% of the final grade. Preliminary exams with lecture topics will be held within lecture time according to the defined schedule and each will contain covered materials and topics up to the day of the preliminary exam. In case a student does not pass one of the preliminary exams, he will have to take it during the exam term. The oral part of the exam is possible to take during regular exam terms once the semester ends, if all the mentioned parts (preliminary exams and practical part of the exam) were previously passed.							
<i>1.10 Compulsory reading list (valid as of the study programme proposal)</i>							
1. Mišigoj-Duraković, M. (2008). Kinantropologija - biološki aspekti vježbanja. Zagreb: Kineziološki fakultet Sveučilišta u Zagrebu.							
<i>1.11 Optional reading list (valid as of the study programme proposal)</i>							
1. Malina, R., Bouchard, C., Bar-Or, O. (Ed.) (2004). Physical Activity, Growth, Maturation and Physical Activity. 2nd Edition. Human Kinetics. Champaign, Illinois. 2. Heyward, V. H., Wagner, D. R. (2004). Applied Body Composition Assessment. 2nd Edition. Human Kinetics. Champaign, Illinois. 3. Wilmore, I. K., Costill, D.L. (2008). Physiology of Sport and Exercise. Human Kinetics Books. Champaign, Illinois.							
<i>1.12 Number of copies of required reading materials in relation to the number of students currently attending the course</i>							
<i>Title</i>			<i>Number of copies</i>		<i>Number of students</i>		
<i>1.13 Method of monitoring the quality of teaching with respect to accomplishment of learning outcomes</i>							
Course syllabus and its implementation will be evaluated through students' anonymous evaluations.							

General information		
Course teacher	Assoc. Prof. Dr. Martina Smolić	
Course title	Sports Medicine	
Study programme	Undergraduate University Study Programme of Kinesiology	
Course status	Obligatory	
Study year	Second year	
Credit value and teaching delivery mode	ECTS student workload	5
	Number of teaching hours (L+P+S)	(30+30+0)

1. COURSE DESCRIPTION
<i>1.1 Course objectives</i>
The main course objective is that students acquire knowledge in the field of sports medicine that would provide them with better understanding of positive influence of physical activity on the body and allow them to recognise physiological and pathological patterns of athletes' exercise. In addition, objective of this course is to teach students about drug abuse in sports, mechanisms by which illegal substances enhance athletes' performance and how to carry out tests in order to discover usage of such substances.
<i>1.2 Course entry requirements</i>
There are no requirements for course entry.
<i>1.3 Intended learning outcomes at the course level</i>
Upon completion of the course, students will be able to: <ol style="list-style-type: none"> 1. integrate knowledge from sports medicine 2. argue the facts on positive influence of physical activity on the body 3. support integral approach to health and illness and value the cell and the organism as an integral system 4. assess normal physiological and pathological patterns of athletes' exercise 5. evaluate practical specificities of chosen sporting activity and its influence on motor and functional abilities and energy requirements 6. critically evaluate transformational processes of exercise and knowledge acquiring that will enable necessary skills for comparison and analysis of given results 7. evaluate drug abuse in sports.
<i>1.4 Course content</i>
Lectures: <ol style="list-style-type: none"> 1. Introduction lecture: definitions and fields of sports medicine, history of sports medicine, tasks of sports doctor; health checks: purpose and importance of preventive check-ups, carrying our check-ups 2. Functional diagnostics in implementation of preventive check-ups of athletes 3. Growth and development of children through sports, gender differences in response to training, aging and sports 4. Sudden cardiac death in athletes – causes and prevention 5. Athlete's heart, characteristics of electrocardiogram of a trained person 6. Chest pain

7. Coronary illness and physical activity
8. Drug abuse in sports, ergogenic aids
9. Legal framework for taking drugs in sports, methods for discovering illegal substances in sports
10. Overexertion syndrome, overtraining syndrome
11. Sports equipment as a protective factor
12. Muscle, tendon, joint, bone and periosteal injuries
13. Hyperbaric and hypobaric medicine in sports
14. Characteristics of altitude training in sports
15. Specificities of nutrition for athletes

Practices:

- Physical check-up for athletes
- Basic and advanced life support
- ECG
- Case overview of clinical picture of chest pain
- Cases overview of clinical picture of coronary illness and physical activity
- Case overview of drug abuse in sports, ergogenic aids
- Case overview of legal framework for using drugs in sports and methods of discovering illegal substances in sports
- Wounds and wound complications
- First aid and immobilization of bone fracture
- Spirometry

<i>1.5 Form of teaching</i>	<input checked="" type="checkbox"/> lectures <input type="checkbox"/> seminars and workshops <input checked="" type="checkbox"/> practices <input type="checkbox"/> distance teaching <input type="checkbox"/> field teaching	<input type="checkbox"/> independent work <input type="checkbox"/> multimedia and web <input type="checkbox"/> laboratory <input type="checkbox"/> supervised work <input type="checkbox"/> other
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1.6 Comments

1.7 Students' obligations

Students must attend minimum of 70% of all lectures in order to take the exam.

1.8 Monitoring¹⁶ of students' performance

Lecture attendance		Student's engagement during the course		Seminar paper	1	Experimental work	
Written exam	2	Oral exam	2	Essay		Research	
Project		Continuous knowledge assessment		Report		Practical work	
Portfolio							

1.9 Grading and evaluation of student work during the course and at the final exam

The final grade is the result of seminar paper, oral and written exam. Seminar paper is worth maximum of 10 grading points and is presented orally as an introduction during practices. Written exam is worth maximum of 45 grading points as well as the oral exam. Criteria for the final grade with regard to grading points are:

¹⁶**IMPORTANT:** For each activity of monitoring students' performance, it is necessary to enter appropriate share of ECTS credits, so that the sum of shared ECTS credits per each activity corresponds to the total number of ECTS credits assigned to the course. Blank fields can be used for entering additional activities.

Sufficient (2): 50 to 59 grading points Good (3): 60 to 69 grading points Very good (4): 70 to 79 grading points Excellent (5): 80 to 100 grading points		
<i>1.10 Compulsory reading list (valid as of the study programme proposal)</i>		
Marko Pećina et al.: Sportska medicina, Medicinska naklada, 2019.		
<i>1.11 Optional reading list (valid as of the study programme proposal)</i>		
1. David H. Fukuda: Assessments for Sport and Athletic Performance, Human Kinetics, 2019 2. Pećina, M. (1992): Sindromi prenaprezanja. Zagreb: Globus.		
<i>1.12 Number of copies of required reading materials in relation to the number of students currently attending the course</i>		
<i>Title</i>	<i>Number of copies</i>	<i>Number of students</i>
Marko Pećina et al.: Sportska medicina, Medicinska naklada, 2019	10	
<i>1.13 Method of monitoring the quality of teaching with respect to accomplishment of learning outcomes</i>		
Anonymous student survey		

General information		
Course teacher	Assist. Prof. Dr. Tvrtko Galić	
Course title	Organisation and Management of Sport with Sports Law Basics	
Study programme	Undergraduate University Study Programme of Kinesiology	
Course status	Obligatory	
Study year	Second year	
Credit value and teaching delivery mode	ECTS student workload	3
	Number of teaching hours (L+P+S)	(15 30 + 0)

1. COURSE DESCRIPTION
<i>1.1 Course objectives</i>
The course objective is, by acquiring basic knowledge on legal structure of sports in the Republic of Croatia and the European Union, to enable students for independent monitoring and implementation of legislation that standardise sports as multidisciplinary social phenomenon. Students will acquire basic legal knowledge from fields of sports, other branches of law that apply to sports as well as autonomous sports regulations.
<i>1.2 Course entry requirements</i>
There are no requirements for course entry.
<i>1.3 Intended learning outcomes at the course level</i>
Students will be able to: 1. independently compare regulations by which relations in sports business are regulated 2. interpret acquired knowledge in this multidisciplinary field 3. evaluate sports system in the Republic of Croatia and the European Union 4. differentiate between specificities of European sports model 5. analyse relation between sports law and other branches of law, domestic and international sports law and autonomous sports regulations.
<i>1.4 Course content</i>
Familiarising with the definition, development and sources of sports law Sports in the Constitution of the Republic of Croatia Overview and analysis of the Sports Act and other regulations by which relations in sports business are regulated Sports system in the Republic of Croatia with parallel overview of sports systems in the European Union Sports system and sports business, persons in sports system (legal persons, natural persons and school sports associations) Sports buildings in the sports system Contracts in sports Non-contractual and non-material damages in sports Insurance in sports Athletes' citizenship Disputes in sports and sports arbitration Unlawful conducts in sports Doping and sports Funding of sports

<i>1.5 Form of teaching</i>	<input checked="" type="checkbox"/> lectures	<input type="checkbox"/> independent work				
	<input type="checkbox"/> seminars and workshops	<input type="checkbox"/> multimedia and web				
	<input checked="" type="checkbox"/> practices	<input type="checkbox"/> laboratory				
	<input type="checkbox"/> distance teaching	<input type="checkbox"/> supervised work				
	<input type="checkbox"/> field teaching	<input type="checkbox"/> other				
<i>1.6 Comments</i>						
<i>1.7 Students' obligations</i>						
<i>1.8 Monitoring¹⁷ of students' performance</i>						
Lecture attendance	x	Student's engagement during the course	Seminar paper	Experimental work		
Written exam	x	Oral exam	x	Essay	Research	
Project		Continuous knowledge assessment	x	Report	Practical work	
Portfolio						
<i>1.9 Grading and evaluation of student work during the course and at the final exam</i>						
TEACHING METHOD	ECTS CREDITS	LEARNING OUTCOME	STUDENTS' ACTIVITIES	EVALUATION METHOD	POINTS	
					Min	Max
Lecture and practice attendance	1	1-5	Lecture and practice attendance	Register		
Periodical knowledge assessment (preliminary exam)	1	1-5	Preparation for preliminary exams and partial exams	2 preliminary exams (written) 2 partial exams (written and oral)		
Final exam	1	1-5	Preparation for written and oral exam	One final exam (written and oral)		
TOTAL	3					
<i>1.10 Compulsory reading list (valid as of the study programme proposal)</i>						
1. Kačer, H., Crnić, I., Crnić, J., Čurković, M., Gliha, I., Ivančić-Kačer, B., Ivkošić, M., Labar, B., Mateša, Z., Mijatović, N., Mintas-Hodak, Lj., Momčinović, H., Perkušić, A., Petrović, S., Primorac, D. (2009): (Uvod u) športsko pravo, Inženjerski biro d. d., Zagreb						
<i>1.11 Optional reading list (valid as of the study programme proposal)</i>						
1. Commission of the European Communities (2007): White Paper: White Paper on Sports, Brussels						
2. Kačer, H. (2007): Novi zakon o športu i aktualna praksa iz područja športa i športskih djelatnosti, Inženjerski biro d.d., Zagreb						

¹⁷**IMPORTANT:** For each activity of monitoring students' performance, it is necessary to enter appropriate share of ECTS credits, so that the sum of shared ECTS credits per each activity corresponds to the total number of ECTS credits assigned to the course. Blank fields can be used for entering additional activities.

3. Kuliš, D., Lendić-Kasalo, V. (2012): *Financiranje sporta u Republici Hrvatskoj s usporednim prikazom financiranja u Europskoj uniji.* (Research project). Zagreb: Institut za javne financije. <http://public.mzos.hr/Default.aspx?sec=2379>
4. Milanović, D., Čustonja, Z., Bilić, D. (Ed.) (2011): *Temeljna načela i smjernice razvoja športa u Republici Hrvatskoj.* Zagreb: Nacionalno vijeće za sport i Ministarstvo znanosti obrazovanja i sporta Republike Hrvatske. (in press)
5. Zbornik radova Pravnog fakulteta u Splitu (2010), year 47, No. 2 (96), Pravni fakultet sveučilišta u Splitu, Split
6. Zbornik radova Pravnog fakulteta u Splitu (2011), year 48, No. 4 (102), Pravni fakultet sveučilišta u Splitu, Split
7. Zbornik radova Pravnog fakulteta u Splitu (2012), year 49, No. 4 (106), Pravni fakultet sveučilišta u Splitu, Split
8. Zakon o sportu (Sport Act, Official Gazette, No. 71/06, 150/08, 124/10, 124/11,86/12 and 94/13)
9. Zakon o udrugama (The Act on Associations, Official Gazette, No. 74/14)
10. Zakon o sportskoj inspekciji (Sports Inspection Act, Official Gazette, No. 86/12)
11. Zakon o sprječavanju nereda na sportskim natjecanjima (The Act on Prevention of Disorder at Sport Events, Official Gazette, No. 117/03, 71/06, 43/09, 34/11)

1.12 Number of copies of required reading materials in relation to the number of students currently attending the course

<i>Title</i>	<i>Number of copies</i>	<i>Number of students</i>

1.13 Method of monitoring the quality of teaching with respect to accomplishment of learning outcomes

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General information		
Course teacher	Assist. Prof. Dr. Danijela Kuna	
Course title	Theory and Methodology of Skiing	
Study programme	Undergraduate University Study Programme of Kinesiology	
Course status	Obligatory	
Study year	Second year	
Credit value and teaching delivery mode	ECTS student workload	4
	Number of teaching hours (L+P+S)	(15+30+0)

1.COURSE DESCRIPTION
<i>1.1 Course objectives</i>
Students will acquire basic theoretical, theoretical and practical and practical information on basic skiing techniques. By using methodological content of teaching alpine skiing, and knowing manner of behaving in specific skiing conditions, students will be able to independently plan and perform programmes in teaching of elements of alpine skiing basics school.
<i>1.2 Course entry requirements</i>
There are no course entry requirements
<i>1.3 Intended learning outcomes at the course level</i>
Students will be enabled to: <ol style="list-style-type: none"> 1. explain the sequence of acquiring techniques of school of basics 2. describe the technique (performance) of elements of school of skiing basics 3. demonstrate technique elements of school of alpine skiing basics 4. use most effective exercises during acquiring technique elements of school of skiing basics 5. identify characteristic mistakes during acquiring of specific elements of school of skiing basics 6. use most effective exercises for correction of characteristic mistakes in specific elements of school of skiing basics 7. organise winter vacation for pupils 8. encourage pupils and/or students for skiing as: a form of recreational physical activity, school sport and competitive sport 9. make biomechanical analysis of element performance of school of skiing basics 10. apply scientific and technical knowledge from technique of school of basics 11. in front of a group of skiers present a performance of teaching methodology of techniques of the school of skiing basics.
<i>1.4 Course content</i>
Theoretical lectures: Historical development of skiing and skiing techniques nationally and internationally Skiing equipment Dangers in winter conditions Rules of behaviour at skiing terrains Technique and methodology elements in school of alpine skiing basics

Process of learning and mastering skiing knowledge Methodology of teaching alpine skiing Dynamic balance of skiers and basics of skiing movements Basics of technique and methodology of alpine skiing Sequence of acquiring technique elements of school of alpine skiing basics Identification of mistakes in performance and their correction Skiing as a content of organised winter vacations Biomechanical analysis of basic techniques of alpine skiing Skiing as a school sport Practices: Methodological procedures of learning to apply skiing equipment Methodological procedures of learning on flat skiing terrain Methodological procedures of learning straight downhill Methodological procedures of learning the straight snowplough Methodological procedures of learning traversing Methodological procedures of learning uphill turn Methodological procedures of learning the snowplough turn Methodological procedures of learning the snowplough bow turn Methodological procedures of learning basic turn Methodological procedures of learning parallel downhill turn						
1.5 Form of teaching		<input checked="" type="checkbox"/> lectures <input type="checkbox"/> seminars and workshops <input checked="" type="checkbox"/> practices <input type="checkbox"/> distance teaching <input type="checkbox"/> field teaching	<input type="checkbox"/> independent work <input type="checkbox"/> multimedia and web <input type="checkbox"/> laboratory <input type="checkbox"/> supervised work <input type="checkbox"/> other			
1.6 Comments						
1.7 Students' obligations						
Regularly attending lectures and practices, actively participating during lectures and practices.						
1.8 Monitoring ¹⁸ of students' performance						
Lecture attendance	1	Student's engagement during the course	0.5	Seminar paper	Experimental work	
Written exam	0.5	Oral exam	1	Essay	Research	
Project		Continuous knowledge assessment		Report	Practical work	1
Portfolio						
1.9 Grading and evaluation of student work during the course and at the final exam						
<p>The final grade is determined by grades in:</p> <ul style="list-style-type: none"> • practical exam – carries 80% of the final grade • theoretical (written/oral) exam – carries 20% of the final grade <p>Practical exam (video) Practical exam will be held on the last day of lectures, after students' preparation</p>						

¹⁸**IMPORTANT:** For each activity of monitoring students' performance, it is necessary to enter appropriate share of ECTS credits, so that the sum of shared ECTS credits per each activity corresponds to the total number of ECTS credits assigned to the course. Blank fields can be used for entering additional activities.

and after determining terrain for the exam. Students need to perform the given technique elements of school of skiing basics (snowplough turn, uphill turn and parallel downhill turn). The teacher will demonstrate each element before the exam. Students will be graded for each element performed at the ski resort and after viewing the video recording, teacher will give the final grade for the practical part of the exam.

In case students do not pass the practical part of the exam due to objective reasons (injuries and similar), a solution will be arranged, due to specificity of the course, together with the course teacher and the Faculty management.

Theoretical part of the exam

Theoretical part of the exam can be passed by way of two preliminary exams held during lectures. Preliminary exams will consist out of minimum of six (6) questions from previously held courses. Previously passed practical part of the exam is a requirement for taking the theoretical part of the exam.

Written part of the exam will consist out of minimum of six (6) questions from previously held courses. Previously passed practical part of the exam is a requirement for taking the written part of the exam. At the potential oral exam, students will explain obscurities, that is, inconclusiveness in the written exam.

Based on the successful completion of the previously mentioned, the final grade will be determined in the course Theory and Methodology of Skiing – 1:

- sufficient (2) for gained 55% to 63%;
- good (3) for gained 64% to 74%
- very good (4) for gained 75% to 89%
- excellent (5) for gained 90% to 100%

1.10 Compulsory reading list (valid as of the study programme proposal)

1. Cigrovski, V., Matković. B. et al. (2019). Sportovi na snijegu. Kineziološki fakultet Zagreb.
2. Cigrovski, V., Matković. B. (2015). *Carving skijaška tehnika*. Zagreb: Kineziološki fakultet Zagreb.
3. Rausavljević, N. (2012). *Igrom do prvih koraka na snijegu*. Zagreb: Hrvatska olimpijska akademija.
4. Lešnik, B., & Žvan, M. (2010). *A turn to move on–Alpine skiing–Slovenian way. Theory and methodology of alpine skiing*. SZS–Združenje učiteljev in trenerjev smučanja. Ljubljana.
5. Alikalfić, V., Blašković D., Cigrovski, V., Franjko, I., Ilić, T., Kasović, M., Modrić, D., Nadjaković, D., Neljak, D. Petljak, D. Rađenović, D., Ružić, D., Tudor, D. (2008). *Alpsko skijanje*. Zagreb: Hrvatski zbor učitelja i trenera skijanja
6. Trajkovski Višić, B., Višić, F., Tudor, I., Plavec, D., Krasnić, G., Rađenović, O.i Knežević, B. (2005). *Zimovanje djece predškolske dobi*. Hrvatski olimpijski centar Bjelolasica.
7. Matković B, Ferenčak S, Žvan M. (2004). *Skijajmo zajedno*. Zagreb: Europapress holding i FERBOS inženjering.

1.11 Optional reading list (valid as of the study programme proposal)

1. Kuna, D., Babić, M., Bosanac, V. (2020). Experts model of exercises for the correction of characteristic mistakes made during the execution of dynamic parallel ski turn. *Acta Kinesiologica*, 14 (1), 29-34.
2. Kuna, D., Brymer, E., Davids, K. & Marinkovic, D. (2018). Task constraints patterns in acquisition of the basic turn as implemented by international expert ski coaches. *Kinesiologia Slovenica*, 24 (1), 28–34.

3. Kuna, D., Božić, I. & Očić, M. (2017). Methodical model for correction of common mistake in the basic ski turn performance. *11th International Conference on Kinanthropology „Sport and Quality of Life“*. Martin Zvonar & Zuzana Sajdlová (eds.). Faculty of Sports Studies Masaryk University, 345-352.
4. Kuna, D., Maleš, J. & Bavčević, D. (2017). Methodical model for correction of a common mistake in the snow plow bow turn performance. *Acta Kinesiologica*, 1 (2), 55-58.
5. Maleš, J., Franjko, I. & Kuna, D. (2016). Levels of connection between motor skills and performance of specific skiing skills in ski instructor candidates and candidates for ski instructor trainees. *Acta Kinesiologica*, 10 (1), 72-77.

<i>Title</i>	<i>Number of copies</i>	<i>Number of students</i>
<i>1.13 Method of monitoring the quality of teaching with respect to accomplishment of learning outcomes</i>		
Anonymous student survey		

General information		
Course teacher	Assist. Prof. Dr. Josip Cvenić	
Course title	Theory and Methodology of Sports with Racket	
Study programme	Undergraduate University Study Programme of Kinesiology	
Course status	Obligatory	
Study year	Second year	
Credit value and teaching delivery mode	ECTS student workload	4
	Number of teaching hours (L+P+S)	(15+30+0)

1.COURSE DESCRIPTION		
<i>1.1 Course objectives</i>		
Acquiring basic theoretical and practical knowledge in sports with racket – tennis and badminton. To familiarise students with history, rules and organisation of competitions, technique, methodology of teaching and basics of tactics for each sport.		
<i>1.2 Course entry requirements</i>		
There are no requirements for course entry.		
<i>1.3 Intended learning outcomes at the course level</i>		
Students will be able to: 1. describe basic theoretical information on sports with racket 2. demonstrate basic and specific motor knowledge in mentioned sports 3. acquire practical methodological knowledge on applied procedures in teaching beginners 4. familiarise with basic strategic and tactical knowledge in sports with racket.		
<i>1.4 Course content</i>		
Basic information in the field of history and development of tennis and badminton. Types of rackets and surfaces. Manner of choosing the equipment. Rules of game and basic terminology in sports with racket. Implementation of specific sports with racket (tennis and badminton) on changes of dimensions of psychosomatic status. Biomechanical analysis of basic technique elements of tennis and its practical teaching. Variations of performing specific technique elements in tennis and basic badminton kicks. Methodological procedures of teaching technique elements in tennis and basic kicks in badminton. Basic strategies and tactics in sports with racket.		
<i>1.5 Form of teaching</i>	<input checked="" type="checkbox"/> lectures <input type="checkbox"/> seminars and workshops <input checked="" type="checkbox"/> practices <input type="checkbox"/> distance teaching <input type="checkbox"/> field teaching	<input type="checkbox"/> independent work <input type="checkbox"/> multimedia and web <input type="checkbox"/> laboratory <input type="checkbox"/> supervised work <input type="checkbox"/> other _____
<i>1.6 Comments</i>		
<i>1.7 Students' obligations</i>		
Students are obliged to attend the minimum amount of 70% of all lectures. Students have the right to one pre-term (practical and theoretical in one) at the end of lectures that, if passed		

successfully, replaces taking the complete exam.							
<i>1.8 Monitoring¹⁹ of students' performance</i>							
Lecture attendance	0.4	Student's engagement during the course		Seminar paper		Experimental work	
Written exam	1.6	Oral exam		Essay		Research	
Project		Continuous knowledge assessment		Report		Practical work	2
Portfolio							
<i>1.9 Grading and evaluation of student work during the course and at the final exam</i>							
Practical knowledge assessment (two partial or one complete exam): 75%							
Written exam (two partial or one complete exam): 25%							
<i>1.10 Compulsory reading list (valid as of the study programme proposal)</i>							
1. Crespo, M., Miley, D. (2009). Priručnik za teniske trenere. Zagreb: Hrvatski teniski savez							
<i>1.11 Optional reading list (valid as of the study programme proposal)</i>							
1. Filipčić, A., Filipčić, T. (2003). Tenis: učenje. Dopolnjena izd. Ljubljana: Fakulteta za šport, Inštitut za šport.							
2. Badminton u školi (2000). Hrvatski badmintonski savez (prema izdanju njemačkog badmintonskog saveza).							
<i>1.12 Number of copies of required reading materials in relation to the number of students currently attending the course</i>							
		<i>Title</i>		<i>Number of copies</i>		<i>Number of students</i>	
<i>1.13 Method of monitoring the quality of teaching with respect to accomplishment of learning outcomes</i>							
Monitoring the number of taken exams and exam success. Monitoring students' interest and understanding of teaching materials via survey. Uniform University Student Survey.							

¹⁹**IMPORTANT:** For each activity of monitoring students' performance, it is necessary to enter appropriate share of ECTS credits, so that the sum of shared ECTS credits per each activity corresponds to the total number of ECTS credits assigned to the course. Blank fields can be used for entering additional activities.

General information		
Course teacher	Prof. Dr. Saša Krstulović	
Course title	Theory and Methodology of Combat Sports	
Study programme	Undergraduate University Study Programme of Kinesiology	
Course status	Obligatory	
Study year	Second year	
Credit value and teaching delivery mode	ECTS student workload	4
	Number of teaching hours (L+P+S)	(15+30+0)

1. COURSE DESCRIPTION
<i>1.1 Course objectives</i>
Course objectives are to gain basic theoretical knowledge and practical skills in judo, wrestling and boxing and enable students for implementation of acquired knowledge and skills in practice.
<i>1.2 Course entry requirements</i>
None
<i>1.3 Intended learning outcomes at the course level</i>
Students will be able to: 1. explain basic principles, maxims and biomechanical regulations of judo, wrestling and boxing techniques 2. analyse specific methodological procedures in judo, wrestling and boxing 3. demonstrate correct performance of specific techniques in judo, wrestling and boxing.
<i>1.4 Course content</i>
General and specific methods of learning and practicing judo technique (2 lectures) Principles and rules of judo (two lectures) History and rules of judo (one lecture) Falling techniques (ushiro ukemi, yoko ukemi, mae ukemi, zempo kaiten ukemi) (3 lectures) Pinning techniques (osae komi waza) (kesa gatame, kami shiho gatame, yoko shiho gatame, tate shiho gatame) (two lectures) Choking techniques (shime waza) and joint locking techniques (kansetsu waza) - (koshi jime, sankaku jime, juji gatame) (two lectures) Throwing techniques (nage waza) - o goshi, de ashi barai, o uchi gari (two lectures) Preliminary exam on practical elements of judo (one lecture) History of boxing and rules in boxing (one lecture) Anthropological characteristics of boxing (two lectures) Physical preparation in boxing (two lectures) Training basic stances in boxing (boxing guard), position of body parts in the basic guard (hands and legs separately) (two lectures) Training basic moves in boxing (forward-backward, left-right, semi-circular) (two lectures) Training basic punches in boxing while standing (direct, hook and uppercut) (one lecture)

Training basic punches in boxing in motion (direct, hook, uppercut) (one lecture) Defences from punches to the head and body (one lecture) Practicing mentioned techniques and combinations with partners (two lectures) Preliminary exam on practical elements of boxing (one lecture) Greco Roman wrestling techniques – neutral position (two lectures) Greco Roman wrestling techniques – par terre position (two lectures) Freestyle wrestling techniques – neutral position (two lectures) Freestyle wrestling techniques – par terre position (two lectures) Preliminary exam on practical elements of wrestling (one lecture) Structural and biomechanical analysis of wrestling (two lectures) Physiological aspects of wrestling match (three lectures) Written preliminary exam (one lecture)							
<i>1.5 Form of teaching</i>		x lectures <input type="checkbox"/> seminars and workshops x practices x distance teaching <input type="checkbox"/> field teaching			<input type="checkbox"/> independent work <input type="checkbox"/> multimedia and web <input type="checkbox"/> laboratory <input type="checkbox"/> supervised work <input type="checkbox"/> other		
<i>1.6 Comments</i>							
<i>1.7 Students' obligations</i>							
Attendance at all lectures.							
<i>1.8 Monitoring²⁰ of students' performance</i>							
Lecture attendance	1	Student's engagement during the course		Seminar paper		Experimental work	
Written exam	1	Oral exam		Essay		Research	
Project		Continuous knowledge assessment		Report		Practical work	2
Portfolio							
<i>1.9 Grading and evaluation of student work during the course and at the final exam</i>							
Grade from the practical part is formed as an average grade comprised out of three units – sports (judo, wrestling and boxing). Students practice elements of each of the mentioned sports for nine lectures with the tenth lecture intended for the preliminary exam, meaning that students have three preliminary exams during the course. Theoretical (written) exam has 15 questions, five for each sport Grade from the written exam is formed by adding up points from all questions in the following manner: Less than 9 points – insufficient (1) grade 9-10 points – sufficient (2) grade 11-12 points – good (3) grade 13-14 points – very good (4) grade 15 points – excellent (5) grade The final grade from the course is calculated in the following manner: The sum of all grades from three preliminary exams + the grade from the written exam divided by four.							
<i>1.10 Compulsory reading list (valid as of the study programme proposal)</i>							

²⁰**IMPORTANT:** For each activity of monitoring students' performance, it is necessary to enter appropriate share of ECTS credits, so that the sum of shared ECTS credits per each activity corresponds to the total number of ECTS credits assigned to the course. Blank fields can be used for entering additional activities.

<ol style="list-style-type: none"> 1. Krstulović, S. (2010). Judo - teorija i metodika. Abel internacional, Split 2. Lecture materials on boxing 3. Marić J., Bajić M., Cvetković Č. (2007), Primjena hrvanja u ostalim sportovima. Kineziološki fakultet Sveučilišta u Zagrebu 4. Lecture materials on wrestling 		
<i>1.11 Optional reading list (valid as of the study programme proposal)</i>		
<ol style="list-style-type: none"> 1. Sertić, H. (2004). Osnove borilačkih sportova. Kineziološki fakultet Sveučilišta u Zagrebu, Zagreb. 2. AIBA coaches manual (2013) 3. Međunaronda pravila hrvanja – 2019 Edition 		
<i>1.12 Number of copies of required reading materials in relation to the number of students currently attending the course</i>		
<i>Title</i>	<i>Number of copies</i>	<i>Number of students</i>
<i>1.13 Method of monitoring the quality of teaching with respect to accomplishment of learning outcomes</i>		
Attending lectures, practical preliminary exams, theoretical preliminary exam (written exam), student evaluation of teaching and the teacher.		

General information		
Course teacher	Assist. Prof. Dr. Josip Cvenić	
Course title	Theory of Training	
Study programme	Undergraduate University Study Programme of Kinesiology	
Course status	Obligatory	
Study year	Second year	
Credit value and teaching delivery mode	ECTS student workload	5
	Number of teaching hours (L+P+S)	(45+0+15)

1.COURSE DESCRIPTION
<i>1.1 Course objectives</i>
Course objective is to gain knowledge on the system of sports preparation, managing that system as well as acquiring knowledge on objective regularities of training and competition activities.
<i>1.2 Course entry requirements</i>
There are no requirements for course entry.
<i>1.3 Intended learning outcomes at the course level</i>
Students will be able to: <ol style="list-style-type: none"> 1. Identify and analyse characteristics of sports activities, components of the athletes' performance and sports fitness status, regularities of selection in sports and career success factors in all sports 2. explain and evaluate methodological procedures for development and maintenance of conditioning abilities 3. apply acquired knowledge in conception of a plan and programme of sports training 4. differentiate between diagnostic procedures whose objective is to define the performance status in the beginning (initial state), during (transitive state) and at the end (final state) of every training process.
<i>1.4 Course content</i>
Basic fields of the course, definition and validity of training theory (kinesiology, anthropological, methodical and methodological approach) and tasks of theory of training. Basics of sports: sports – ongoing questions in Croatian sports, sports in European countries, the most important factors that influence social status of sports, comparative analysis of Olympic results. Theoretical basics of training: definitions, tasks and essence of sports training, analysis of sports activities, factor analysis of sports, analysis of athletes' body size, diagnostics of athletes' performance status, performance status and sports fitness, principles of sports training, system of sports preparation, selection in sports, sports training as a transformational process, system of competitions, recovery measures, sports and sports training of children and the young, strategy of sports development in Croatia. Methodology of sports training: definition and structure of training methodology, training exercise, contents (resources) of training, competitions and recoveries, training workload and competitions, methods of training work in sports, organisational and methodological forms of training, localities and training aids; basics of methodology of athletes' conditioning:

methodology of functional and motor abilities training, basics of methodology of technical and tactical preparation.

Planning and programming of training: definition, types, methods and phases of planning and programming of training; periodization of sports preparation process (long-term and short-term), long-term planning and programming – perennial cycle of training (sports career and two-Olympic cycle), medium-term planning and programming (Olympic cycle), short-term planning and programming (annual and semi-annual macro cycle), current planning and programming (periods: preparatory, competitive and transitional; phases: multilateral preparations, basic preparations, situational preparations and pre-competitive phase), operational planning and programming (micro cycle, training day and an individual training), creation of plans and programmes of training in specific cycles of sports preparation.

1.5 Form of teaching	<input checked="" type="checkbox"/> lectures	<input type="checkbox"/> independent work
	<input checked="" type="checkbox"/> seminars and workshops	<input type="checkbox"/> multimedia and web
	<input type="checkbox"/> practices	<input type="checkbox"/> laboratory
	<input type="checkbox"/> distance teaching	<input type="checkbox"/> supervised work
	<input type="checkbox"/> field teaching	<input type="checkbox"/> other

1.6 Comments

1.7 Students' obligations

Students are obliged to write a seminar paper and to attend lectures in the minimum amount of 70%. Students have the right to three partial knowledge assessments that substitute taking the complete written part of the exam.

1.8 Monitoring²¹ of students' performance

Lecture attendance	0.6	Student's engagement during the course		Seminar paper	1.2	Experimental work	
Written exam	2.6	Oral exam		Essay		Research	0.6
Project		Continuous knowledge assessment		Report		Practical work	
Portfolio							

1.9 Grading and evaluation of student work during the course and at the final exam

Written knowledge assessment (three partial or one complete exam): 60%
 Seminar paper: 20%
 Student's engagement during the course: 10%
 Homework: 10%

1.10 Compulsory reading list (valid as of the study programme proposal)

1. Milanović, D. (2013). Teorija treninga. Zagreb. Kineziološki fakultet Sveučilišta u Zagrebu

1.11 Optional reading list (valid as of the study programme proposal)

1. Bompá, Tudor O. (2000). Total training for young champions, USA: Human Kinetic
2. Gregory Haff, G., Travis Triplett, N. (2008). Essentials of strength training and conditioning / National Strength and Conditioning Association, USA: Human Kinetics
3. Jukić, I. et al. (2012). Kondicijska priprema sportaša, Zagreb : Kineziološki fakultet : Udruga kondicijskih trenera Hrvatske
4. Milanović, D. (2004). Teorija treninga – priručnik za praćenje nastave i pripremanje ispita. Kineziološki fakultet Sveučilišta u Zagrebu
5. Milanović, D. (1997). Osnove teorije treninga. In: Milanović, D. (Ed.): Priručnik za

²¹**IMPORTANT:** For each activity of monitoring students' performance, it is necessary to enter appropriate share of ECTS credits, so that the sum of shared ECTS credits per each activity corresponds to the total number of ECTS credits assigned to the course. Blank fields can be used for entering additional activities.

sportske trenere (p. 483-599), Fakultet za fizičku kulturu Sveučilišta u Zagrebu
 6. Milanović, D., S. Heimer (Ed.) (1997). Dijagnostika treniranosti sportaša. Zbornik radova Međunarodnog savjetovanja «Dijagnostika treniranosti sportaša», Fakultet za fizičku kulturu, Zagrebački velesajam, Zagrebački športski savez

1.12 Number of copies of required reading materials in relation to the number of students currently attending the course

<i>Title</i>	<i>Number of copies</i>	<i>Number of students</i>

1.13 Method of monitoring the quality of teaching with respect to accomplishment of learning outcomes

Monitoring the number of taken exams and exam success. Monitoring students' interest and understanding of teaching materials via survey. Uniform University Student Survey

General information		
Course teacher	Assist. Prof. Dr. Iva Šklempe Kokić	
Course title	Kinesitherapy	
Study programme	Undergraduate University Study Programme of Kinesiology	
Course status	Obligatory	
Study year	Second year	
Credit value and teaching delivery mode	ECTS student workload	5
	Number of teaching hours (L+P+S)	(30+30+0)

1.COURSE DESCRIPTION
<i>1.1 Course objectives</i>
Course objectives are to enable students to understand basic conjectures about insufficient conditions of locomotor system and to acquire theoretical and methodological knowledge necessary for planning, programming and implementing basic kinesitherapy procedures. Furthermore, students will be able to independently create methodological procedures of kinesitherapy exercises as well as make plans and programmes for different insufficient conditions of locomotor system like bas posture, injuries and impairments in different body regions.
<i>1.2 Course entry requirements</i>
There are no requirements for course entry.
<i>1.3 Intended learning outcomes at the course level</i>
Upon completion of the course, students will be able to: <ol style="list-style-type: none"> 1. identify and analyse features of dysfunctional muscle groups 2. explain regularities of planning and programming in kinesitherapy 3. apply previously acquired knowledge in conception of a plan and programme in the field of kinesitherapy 4. choose optimal methods of identification of impaired musculature through specific movements and tests 5. plan and implement targeted kinesitherapy interventions 6. evaluate implemented kinesitherapy interventions.
<i>1.4 Course content</i>
Basic fields, scope and definition of kinesitherapy. History and development of kinesitherapy. Methodology of monitoring and registration in kinesitherapy. Organisational forms of work in kinesitherapy. Kinesiology and medical basics of physical exercise of people with impaired health. Etiology and types of injuries and impairments of locomotor system and specificities of rehabilitation with emphasis on kinesitherapy. Diagnostics of bad postures and functional assessment of movements and posture. Diagnostic functional tests and biomechanical basis of sustaining injuries and developing overexertion syndrome. Basic settings of diagnostics and overview of rehabilitation procedures in injuries, damages and deformations on the torso. Planning and programming kinesitherapy procedures in injuries, damages and deformations on the torso. Basic settings of diagnostics and overview of rehabilitation procedures in injuries, damages and deformations of upper extremities.

Planning and programming kinesitherapy procedures in injuries, damages and deformations of upper extremities. Basic settings of diagnostics and overview of rehabilitation procedures in injuries, damages and deformations of lower extremities. Planning and programming kinesitherapy procedures in injuries, damages and deformations of lower extremities. Inclusion and integration of children with developmental disorders. Monitoring programme of user's recovery and his return to the state before sustaining injury or damage within the shortest possible time.

<i>1.5 Form of teaching</i>	<input checked="" type="checkbox"/> lectures <input type="checkbox"/> seminars and workshops <input checked="" type="checkbox"/> practices <input checked="" type="checkbox"/> distance teaching <input type="checkbox"/> field teaching	<input checked="" type="checkbox"/> independent work <input checked="" type="checkbox"/> multimedia and web <input type="checkbox"/> laboratory <input type="checkbox"/> supervised work <input type="checkbox"/> other
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1.6 Comments

1.7 Students' obligations

Students are obliged to attend lectures regularly, participate in them actively and perform all tasks laid down in the course syllabus.

1.8 Monitoring²² of students' performance

Lecture attendance	0.5	Student's engagement during the course	0.5	Seminar paper		Experimental work	
Written exam	1.5	Oral exam	1	Essay		Research	
Project		Continuous knowledge assessment	0.5	Report		Practical work	1
Portfolio							

1.9 Grading and evaluation of student work during the course and at the final exam

Students are obliged to, during the semester, prepare kinesitherapy exercise programme on assigned topic, present it practically and substantiate theoretically. This activity carries 25% of the final grade. Practical exam on teaching materials covered during practices carries 25% of the final grade. Written exam carries 25% of the final grade and students can take it after passing practical task and practical exam. Oral exam carries 25% of the final grade and students can take it after successfully passing the written exam. Oral exam grade will also depend on students' active participation during lectures.

1.10 Compulsory reading list (valid as of the study programme proposal)

1. Kosinac, Z. (2008). Kineziterapija sustava za kretanje. Zagreb: Gopal d.o.o.
2. Uremović, M., Davila, S. (2018). Rehabilitacija ozljeda lokomotornog sustava. Zagreb: Medicinska naklada.
3. Kosinac, Z. (2018). Posturalni problemi u djece i mladeži. Zagreb: Medicinska naklada.

1.11 Optional reading list (valid as of the study programme proposal)

1. Kisner, C., Allen Colby, L., Borstad, J. (2017.). Therapeutic Exercise: Foundations and Techniques. 7th Edition. Philadelphia: F. A. Davis Company.
2. Brody, L., Hall, C. (2017). Therapeutic Exercise. Moving Toward Function. 4th Edition. Philadelphia: Wolters Kluwer.
3. Babić-Naglić, Đ. (2013). Fizikalna i rehabilitacijska medicina. Zagreb: Medicinska naklada.

²²**IMPORTANT:** For each activity of monitoring students' performance, it is necessary to enter appropriate share of ECTS credits, so that the sum of shared ECTS credits per each activity corresponds to the total number of ECTS credits assigned to the course. Blank fields can be used for entering additional activities.

1.12 Number of copies of required reading materials in relation to the number of students currently attending the course

<i>Title</i>	<i>Number of copies</i>	<i>Number of students</i>

1.13 Method of monitoring the quality of teaching with respect to accomplishment of learning outcomes

Anonymous student survey

General information		
Course teacher	Assist. Prof. Dr. Ana Kurtović	
Course title	Psychology of Sport and Physical Exercise	
Study programme	Undergraduate University Study Programme of Kinesiology	
Course status	Obligatory	
Study year	Second year	
Credit value and teaching delivery mode	ECTS student workload	5
	Number of teaching hours (L+P+S)	(30+0+30)

1.COURSE DESCRIPTION
<i>1.1 Course objectives</i>
Understanding psychological aspects of working with athletes and sports teams, encouraging critical thinking and independent conclusion reaching with the possibility of applying acquired knowledge and procedures in the area of applied kinesiology.
<i>1.2 Course entry requirements</i>
There are no requirements for course entry.
<i>1.3 Intended learning outcomes at the course level</i>
Students will be able to: <ol style="list-style-type: none"> 1. understand the functioning of a sports team and work of experts 2. analyse aspects of individual's development in sports and in physical exercise 3. understand the relation between psychological factors and the choice of sport, physical exercise, sport performance and results 4. describe the importance of psychological preparation of athletes and the role of expert team in working with athletes 5. apply methods and techniques of psychological preparation of athletes 6. apply techniques of establishing athletes' optimal physical condition for competition.
<i>1.4 Course content</i>
Short overview of the history and development of psychology of sports, defining the matter of scientific and applied psychology of sports, contemporary theories and constructs of psychology of sports and physical exercise, positive and negative effects of sports and physical exercise on the psychological development and quality of life, impact of different mental processes (emotions, attention, concentration) on sports performance and ways that kinesiological and trainer can act to create optimal sports performance; personality, motivation, anxiety, aggressiveness and group processes in sports; determining specific characteristics of athletes in specific sports; practicing techniques of psychological preparation of athletes, concentration, mobilisation and relaxation during training and before competition; specificities of sports and exercise of children and the young, self-confidence and self-respect in sports, psychological difficulties and challenges in kinesiological's work, practical application of procedures intended for kinesiologicals and trainers in forming and practising athletes' sports skills and providing psychological support.

<i>1.5 Form of teaching</i>		<input checked="" type="checkbox"/> lectures <input checked="" type="checkbox"/> seminars and workshops <input checked="" type="checkbox"/> practices <input type="checkbox"/> distance teaching <input checked="" type="checkbox"/> field teaching		<input type="checkbox"/> independent work <input type="checkbox"/> multimedia and web <input type="checkbox"/> laboratory <input type="checkbox"/> supervised work <input type="checkbox"/> other		
<i>1.6 Comments</i>						
<i>1.7 Students' obligations</i>						
Students are obliged to participate at lectures regularly and actively (70% of lecture attendance is mandatory). Mastering of teaching materials will be evaluated by means of preliminary exams as a form of continuous assessments. In order to fulfil course obligations duly, students must achieve a passing grade in activities during seminars.						
<i>1.8 Monitoring²³ of students' performance</i>						
Lecture attendance	1.5	Student's engagement during the course	0.25	Seminar paper	1.25	Experimental work
Written exam		Oral exam	0.5	Essay		Research
Project		Continuous knowledge assessment	1.5	Report		Practical work
Portfolio						
<i>1.9 Grading and evaluation of student work during the course and at the final exam</i>						
The following grades are taken into consideration in forming the final grade: continuous knowledge assessment with 70%, seminar paper with 25% and oral exam with 5% of share in the final grade.						
<i>1.10 Compulsory reading list (valid as of the study programme proposal)</i>						
<ol style="list-style-type: none"> 1. Cox, R. H. (2005). <i>Psihologija sporta</i>. Naklada Slap. 2. Bosnar, K. i Balent, B. (2009). <i>Uvod u psihologiju sporta: Priručnik za sportske trener</i>. Kineziološki fakultet Sveučilišta u Zagrebu. 3. Balent, B., Kobilšek, A. i Šašek, H. (2017). <i>Psihološka znanja i alati u sportskoj praksi</i>. Priručnik za trenere. Sportski savez Grada Zagreba. 4. Drenovac, M. (2007). <i>Sportska psihologija</i>. Filozofski fakultet Sveučilišta u Osijeku. 						
<i>1.11 Optional reading list (valid as of the study programme proposal)</i>						
<ol style="list-style-type: none"> 1. Rathus, A. S. (2000). <i>Temelji psihologije</i>. Naklada Slap. 2. Petz, B. (2005). <i>Psihologijski rječnik</i>. Jastrebarsko, Naklada Slap. 3. Bajraktarević, J. (2008). <i>Psihologija sporta-teorija i empirija</i>. Univerzitetski udžbenik, treće izmijenjeno i dopunjeno izdanje, Arka, Sarajevo. 						
<i>1.12 Number of copies of required reading materials in relation to the number of students currently attending the course</i>						
<i>Title</i>		<i>Number of copies</i>		<i>Number of students</i>		
Cox, R. H. (2005). <i>Psihologija sporta</i> . Naklada Slap.		2		60		

²³**IMPORTANT:** For each activity of monitoring students' performance, it is necessary to enter appropriate share of ECTS credits, so that the sum of shared ECTS credits per each activity corresponds to the total number of ECTS credits assigned to the course. Blank fields can be used for entering additional activities.

Bosnar, K. i Balent, B. (2009). <i>Uvod u psihologiju sporta: Priručnik za sportske trener.</i> Kineziološki fakultet Sveučilišta u Zagrebu.	0	60
<i>Psihološka znanja i alati u sportskoj praksi.</i> Priručnik za trenere.	20	60
Drenovac, M. (2007). <i>Sportska psihologija.</i> Filozofski fakultet Sveučilišta u Osijeku.	2	60
<i>1.13 Method of monitoring the quality of teaching with respect to accomplishment of learning outcomes</i>		
Survey for students on success of lectures and seminars.		

General information		
Course teacher	Assist. Prof. Dr. Zvonimir Tomac	
Course title	Sport for People with Disabilities and Children with Developmental Disorders	
Study programme	Undergraduate University Study Programme of Kinesiology	
Course status	Obligatory	
Study year	Second year	
Credit value and teaching delivery mode	ECTS student workload	4
	Number of teaching hours (L+P+S)	(15+45+0)

1.COURSE DESCRIPTION

1.1 Course objectives

To familiarise students with types of disabilities, causes and specificities connected to the choice of contents and levels of workload in competitive sports and sports recreation of people with disabilities. Acquiring theoretical and methodological knowledge necessary for planning, programming and conducting training sessions for people with disabilities using specific methods of teaching. To familiarise students with basics of functional classification and application of assistive technologies and devices. To enable acquiring knowledge on systems, rules and plans of sports competitions for people with disabilities.

1.2 Course entry requirements

There are no requirements for course entry, obligatory course.

1.3 Intended learning outcomes at the course level

1. To apply previously acquired knowledge on the procedure of planning and programming transformational procedures with regard to specificities of the sport for people with disabilities.
2. To differentiate between different types of disabilities and their causes.
3. To apply knowledge on process and dynamics of learning motor knowledge depending on type and level of disability.
4. To describe basic procedures of functional classification in specific sports.
5. To differentiate between assistive technology and specific devices for individual sports for people with disabilities.
6. To apply safety aspects of protection during sports preparation and competition.

1.4 Course content

Types and causes of disabilities
 Specificities of sports for people with disabilities
 Levels and systems of competitions, sports and disciplines
 Objective, purpose and application of functional classification in sports for people with disabilities
 Assistive technologies and devices in sports for people with disabilities
 Athletics disciplines and categories of competitors, structural and biomechanical analysis of athletics disciplines
 Swimming – disciplines and categories of competitors, Halliwick concept – basic principles

Wheelchair basketball – game rules and competition propositions
 Sitting volleyball – game rules and competition propositions
 Boccia – game rules and competition propositions
 Organisational forms and methods of work in teaching technical elements of specific sports
 Athletics – methodology basics of teaching athletics disciplines for people with disabilities
 Swimming – hydro-mechanical and hydrodynamic basics of floating and swimming, methodology basics of teaching and exercising in swimming for people with disabilities, the Halliwick concept
 Wheelchair basketball – driving sports wheelchair with gear shifting and changing direction of movement, lifting the ball from the ground, passing the ball in place and in movement, tactical and technical elements of the game
 Sitting volleyball – sitting and moving positions with regard to the level of lower extremities impairment, ball passing techniques, serve receive, spiking and block techniques, half roll backward and sideward, tactical elements of the game
 Boccia – setting the court, throwing the ball with or without assistive devices, tactical and technical elements of the game

1.5 Form of teaching	<input checked="" type="checkbox"/> lectures	<input type="checkbox"/> independent work
	<input type="checkbox"/> seminars and workshops	<input type="checkbox"/> multimedia and web
	<input checked="" type="checkbox"/> practices	<input type="checkbox"/> laboratory
	<input type="checkbox"/> distance teaching	<input type="checkbox"/> supervised work
	<input type="checkbox"/> field teaching	<input type="checkbox"/> other

1.6 Comments

1.7 Students' obligations

Students are obliged to attend and actively participate at lectures.

1.8 Monitoring²⁴ of students' performance

Lecture attendance	0.5	Student's engagement during the course	0.5	Seminar paper		Experimental work	
Written exam	1	Oral exam		Essay		Research	
Project		Continuous knowledge assessment	1	Report		Practical paper	1
Portfolio							

1.9 Grading and evaluation of student work during the course and at the final exam

Students take one written preliminary exam during the semester.

1.10 Compulsory reading list (valid as of the study programme proposal)

1. Ciliga, D., Petrinović, L. (1999). Sport osoba s invaliditetom. Medix (23).
2. Ciliga, D. (1993). Organizacija športa i rekreacije za invalidne osobe u Hrvatskoj. In: Zbornik radova Central-East European conference, Siofok.
3. Ciliga, D., Volčanšek, B. (1994). Model kineziološke aktivnosti kod osoba s povredom leđne moždine. In: Zbornik radova 9. alpsko-jadranskog simpozija za međunarodnu suradnju u rehabilitaciji, Luzern
4. Ciliga D., Petrinović, L. (1996). Sportaši s invalidnošću i fitness. in: Milanović, D.

²⁴**IMPORTANT:** For each activity of monitoring students' performance, it is necessary to enter appropriate share of ECTS credits, so that the sum of shared ECTS credits per each activity corresponds to the total number of ECTS credits assigned to the course. Blank fields can be used for entering additional activities.

(Ed.), Fitness, Međunarodno savjetovanje o fitnessu, Zagrebački sajam športa, Zagreb: FFK, ZV, ZŠS, IV25-IV25

5. Ciliga, D., Petrinović, L. (2000). Prilagođene tjelesne aktivnosti djeci s invaliditetom. In: Andrijašević, M. (Ed.). Zbornik radova Slobodno vrijeme i igra, 9. Zagrebački sajam športa i nautike, Zagreb: FFK, pp. 155-157

1.11 Optional reading list (valid as of the study programme proposal)

1. Ciliga, D. (1993). Šport kao preduvjet povećane i produljene mobilnosti invalidnih osoba. In: Zbornik radova Konferencije o športu Alpe-Jadran Rovinj, Findak, V. (Ed.), Zagreb: HOO, 278-280.
2. Ciliga, D., Omrčen, D., Petrinović, L. (1996). Uporaba trenažera u rehabilitaciji osoba s ozljedom kralježnice. Fizikalna medicina i rehabilitacija 13 (S1).
3. Ciliga, D. (1998). Preduvjeti u uključivanju osoba s invalidnošću u višu razinu sportskih natjecanja. Sport za sve 16 (14), 12-13.
4. Babić, V. (2010). Atletika hodanja i trčanja. Zagreb: Kineziološki fakultet Sveučilišta u Zagrebu.
5. Marelić, N., Marelić, S., Đurković, T., Rešetar, T. (2008). Nastavne teme iz odbojke za osnovne škole. Zagreb: Kineziološki fakultet Sveučilišta u Zagrebu.
6. Janković, V., Đurković, T., Rešetar, T. (2009). Uvod u specijalizaciju igračkih uloga u odbojci. Zagreb: Autorska naklada.
7. Sekulić, D., D. Metikoš (2007). Uvod u transformacijske postupke u kineziologiji: Udžbenici Sveučilišta u Splitu, Fakultet PMZK Split
8. Marelić, N., Marelić, S., Đurković, T., Rešetar, T. (2008). Nastavne teme iz odbojke za osnovne škole. Zagreb: Kineziološki fakultet Sveučilišta u Zagrebu.
9. Maršić, T., Dizdar, D., Šentija, D. (2008). Osnove treninga izdržljivosti i brzine. Zagreb: Udruga „Tjelesno vježbanje i zdravlje“.
10. Mišigoj-Duraković M. et al. 1999). Tjelesno vježbanje i zdravlje, Fakultet za fizičku kulturu, Grafos, Zagreb.
11. Volčanšek, B. (2002). Bit plivanja. (Textbook) Kineziološki fakultet, Zagreb.
12. Šnajder, V. i D. Milanović (1991). Atletika hodanja i trčanja. Fakultet za fizičku kulturu, Zagreb, p. 78.
13. Jukić, I., Marković, G. (2005). Kondicijske vježbe s utezima. Kineziološki fakultet, Zagreb.
14. Međunarodna pravila za atletska natjecanja (2001). Savez hrvatskih atletskih sudaca, Zagreb.

1.12 Number of copies of required reading materials in relation to the number of students currently attending the course

<i>Title</i>	<i>Number of copies</i>	<i>Number of students</i>

1.13 Method of monitoring the quality of teaching with respect to accomplishment of learning outcomes

Anonymous student survey

General information		
Course teacher	Assist. Prof. Dr. Iva Šklempe Kokić	
Course title	Injury Prevention in Kinesiology Activities	
Study programme	Undergraduate University Study Programme of Kinesiology	
Course status	Obligatory	
Study year	Second year	
Credit value and teaching delivery mode	ECTS student workload	3
	Number of teaching hours (L+P+S)	(15+15+15)
1. COURSE DESCRIPTION		
<i>1.1 Course objectives</i>		
Course objective is to gain basic practical and theoretical knowledge based on which students will be able to plan a preventive exercise programme for athletes of different age, sex and sports orientation.		
<i>1.2 Course entry requirements</i>		
There are no requirements for course entry.		
<i>1.3 Intended learning outcomes at the course level</i>		
After mastering the course materials, students will be able to:		
<ol style="list-style-type: none"> 1. analyse methodological and programme procedures of preventive training 2. plan, implement and oversee individual preventive training programmes 3. identify risk factors and injury mechanisms in sports 4. recognise potentially risky situations for occurrence of injuries during training 5. implement new knowledge in professional work. 		
<i>1.4 Course content</i>		
<p>Global system of injury prevention in sports (four steps). Sports injuries and overexertion syndrome – definition, classification and gradation. Epidemiology of sports injuries (incidence, type, significance and identification of problems per sports and identification of risk groups). Risk factors and injury mechanism in athletes. Recovery methods in athletes and ergogenic aids. Diagnostics with the function of injury prevention in sports (clinical check-up for athletes, biochemical diagnostics, posturography, pedobarography, isokinetic diagnostics, neuromuscular assessment and tests) as a basis for planning a programme for injury prevention in athletes and determining injury risks. Methodology and programming of training with the function of injury prevention in sports.</p> <p>Conditioning training with the function of injury prevention in athletes. Specific forms of training with the function of injury prevention in athletes (muscle strength, power and stamina training, flexibility training, proprioception and balance training, agility training and plyometrics training).</p> <p>Injury prevention and overexertion syndrome in children and the young. Verification of impacts of a preventive exercise programme. Scientific grounds for application of specific forms of preventive training.</p>		
<i>1.5 Form of teaching</i>	<input checked="" type="checkbox"/> lectures <input checked="" type="checkbox"/> seminars and workshops <input checked="" type="checkbox"/> practices <input checked="" type="checkbox"/> distance teaching <input type="checkbox"/> field teaching	<input checked="" type="checkbox"/> independent work <input checked="" type="checkbox"/> multimedia and web <input type="checkbox"/> laboratory <input type="checkbox"/> supervised work <input type="checkbox"/> other

<i>1.6 Comments</i>							
<i>1.7 Students' obligations</i>							
Students are obliged to attend lectures regularly, participate in them actively and perform all tasks laid down in the course syllabus.							
<i>1.8 Monitoring²⁵ of students' performance</i>							
Lecture attendance	0.5	Student's engagement during the course		Seminar paper	0.5	Experimental work	
Written exam	0.5	Oral exam	0.5	Essay		Research	
Project		Continuous knowledge assessment	0.5	Report		Practical work	0.5
Portfolio							
<i>1.9 Grading and evaluation of student work during the course and at the final exam</i>							
Students are obliged to, during the semester, write and present a seminar paper on assigned topic. In addition, students are obliged to independently prepare a preventive programme of exercise on assigned topic and present it practically during practices. These two activities carry 50% of the final grade. Written exam carries 25% of the final grade and students can take it after carrying out seminar and practical task. Oral exam carries 25% of the final grade and students can take it after successfully passing the written exam. Oral exam grade will also depend on students' active participation during lectures.							
<i>1.10 Compulsory reading list (valid as of the study programme proposal)</i>							
<ol style="list-style-type: none"> 1. Pećina, M. et al. (2019). Sportska medicina. Zagreb: Medicinska naklada. 2. Uremović, M., Davila, S. (2018). Rehabilitacija ozljeda lokomotornog sustava. Zagreb: Medicinska naklada. 3. Berg, K. (2014). Terapijsko istezanje. Zagreb: Znanje d.d. 4. Jukić, I., Marković, G. (2005). Kondicijske vježbe s utezima. Zagreb: Kineziološki fakultet Sveučilišta u Zagrebu. 							
<i>1.11 Optional reading list (valid as of the study programme proposal)</i>							
<ol style="list-style-type: none"> 1. Brukner, P., Clarsen, B., Cook, J., Cools, A., Crossley, K., Hutchinson, M., McCrory, P., Bahr, R., Khan, K. (2016). Brukner & Khan's Clinical Sports Medicine: Injuries, Volume 1, 5th Edition. Sydney: McGraw-Hill Education. 2. Joyce, D., Lewindon, D. (2016). Sports Injury Prevention and Rehabilitation. London: Routledge. 3. Kisner, C., Allen Colby, L., Borstad, J. (2017). Therapeutic Exercise: Foundations and Techniques. 7th Edition. Philadelphia: F. A. Davis Company. 							
<i>1.12 Number of copies of required reading materials in relation to the number of students currently attending the course</i>							
		<i>Title</i>	<i>Number of copies</i>	<i>Number of students</i>			
<i>1.13 Method of monitoring the quality of teaching with respect to accomplishment of learning outcomes</i>							
Anonymous student survey							

²⁵**IMPORTANT:** For each activity of monitoring students' performance, it is necessary to enter appropriate share of ECTS credits, so that the sum of shared ECTS credits per each activity corresponds to the total number of ECTS credits assigned to the course. Blank fields can be used for entering additional activities.

General information		
Course teacher	Assoc. Prof. Dr. Tomislav Krističević	
Course title	Anthropological Analysis in Selected Sport	
Study programme	Undergraduate University Study Programme of Kinesiology	
Course status	Elective course in Sport module	
Study year	Second year	
Credit value and teaching delivery mode	ECTS student workload	3
	Number of teaching hours (L+P+S)	(15+0+15)

2. COURSE DESCRIPTION		
<i>1.1 Course objectives</i>		
Acquiring theoretical knowledge about anthropological characteristics of individual athletes of different age and sex. Comparing anthropological characteristics of athletes with modal characteristics of top athletes.		
<i>1.2 Course entry requirements</i>		
There are no requirements for course entry, obligatory course.		
<i>1.3 Intended learning outcomes at the course level</i>		
Students will be able to: 1. describe anthropological models of top female and male athletes of different age 2. connect the influence of individual dimensions of anthropological status with their situational effectiveness 3. present methods and procedures in the process of selection in individual sport.		
<i>1.4 Course content</i>		
Anthropological characteristics of top athletes Basic and specific anthropological (morphological, motor and functional) characteristics and their significance in selected sport Modal characteristics of top athletes Specification equation of success in selected sport Exact and hypothetical models of success Guidance and choice of prospective top athletes for a selected sport Evaluation of development of anthropological characteristics under the influence of endogenous and exogenous factors Anthropological characteristics of athletes of different age and quality level		
<i>1.5 Form of teaching</i>	X lectures X seminars and workshops practices X distance teaching <input type="checkbox"/> field teaching	<input type="checkbox"/> independent work <input type="checkbox"/> multimedia and web <input type="checkbox"/> laboratory <input type="checkbox"/> supervised work <input type="checkbox"/> other
<i>1.6 Comments</i>		
<i>1.7 Students' obligations</i>		
Students are obliged to attend lectures, write a seminar paper and actively participate in practices.		

<i>1.8 Monitoring²⁶ of students' performance</i>						
Lecture attendance	1	Student's engagement during the course		Seminar paper		Experimental work
Written exam	2	Oral exam		Essay		Research
Project		Continuous knowledge assessment		Report		Practical work
Portfolio						
<i>1.9 Grading and evaluation of student work during the course and at the final exam</i>						
Constant monitoring and assessment, preliminary exam, oral exam.						
<i>1.10 Compulsory reading list (valid as of the study programme proposal)</i>						
<i>1.11 Optional reading list (valid as of the study programme proposal)</i>						
<ol style="list-style-type: none"> 1. Sertić, H. (2004). Osnove borilačkih sportova. Zagreb: Kineziološki fakultet. 2. Matković et al. (2010). Antropološka analiza košarkaške igre. Sveučilišni udžbenik. Zagreb: Kineziološki fakultet Sveučilišta u Zagrebu. 3. Matković, B. et al. (2005) Košarka – antropološka analiza. Zagreb: KF, HKS, Zagreb. 4. Janković, V., Marelić, N. (2003). Odbojka za sve. Zagreb: Autorska naklada. 5. Vuleta, D., Milanović, D. et al. (2004). Znanstvena istraživanja u rukometu. Zagreb: Svebor, Kineziološki fakulteti Hrvatski rukometni savez. 6. Babić, V. (2010). Atletika hodanja i trčanja. Zagreb: Kineziološki fakultet Sveučilišta u Zagrebu. 						
<i>1.12 Number of copies of required reading materials in relation to the number of students currently attending the course</i>						
		<i>Title</i>		<i>Number of copies</i>		<i>Number of students</i>
<i>1.13 Method of monitoring the quality of teaching with respect to accomplishment of learning outcomes</i>						
Anonymous student survey						

²⁶**IMPORTANT:** For each activity of monitoring students' performance, it is necessary to enter appropriate share of ECTS credits, so that the sum of shared ECTS credits per each activity corresponds to the total number of ECTS credits assigned to the course. Blank fields can be used for entering additional activities.

General information		
Course teacher	Assist. Prof. Dr. Josip Cvenić	
Course title	Kinesiology Analysis in Selected Sport	
Study programme	Undergraduate University Study Programme of Kinesiology	
Course status	Elective course in Sport module	
Study year	Second year	
Credit value and teaching delivery mode	ECTS student workload	5
	Number of teaching hours (L+P+S)	(30+0+30)

1.COURSE DESCRIPTION		
<i>1.1 Course objectives</i>		
Course objective is to familiarise students with kinesiology analysis that implies acquiring knowledge connected to structural, anatomical, biomechanical, physiological and energetic and informational characteristics of all phases and subphases of sporting activity.		
<i>1.2 Course entry requirements</i>		
There are no requirements for course entry.		
<i>1.3 Intended learning outcomes at the course level</i>		
Upon completion of the course, students will be able to: 1. describe typical structures of movement and structures of situations in specific sport 2. describe kinematic and kinetic parameters 3. explain the domination of physiological and energetic processes in particular sports activities 4. describe anatomical characteristics of motor performance 5. analyse the influence of anthropological characteristics of athletes of different sex, age and quality on the success in specific sport.		
<i>1.4 Course content</i>		
Specific abilities and knowledge in a specific sport. Specific anthropological characteristics of athletes of different sex, age and quality. Influence of different anthropological characteristics on success in sports (specification equation). Model characteristics of the performance status in specific sport. Connection of anthropometric characteristics of athletes with success in selected sport. Connection of functional characteristics of athletes with success in selected sport. Connection of motor abilities of athletes with success in selected sport. Connection of cognitive abilities and conative characteristics of athletes with success in selected sport. Sociological components in selected sport. Specific tests for assessing the performance status. Cooperation of members of a professional team (trainer – kinesiologist, psychologist, sociologist and a doctor) in assessment and evaluation of the performance status in selected sport. The influence of selected sport on development and preserving different anthropological characteristics of younger-age categories.		
<i>1.5 Form of teaching</i>	<input checked="" type="checkbox"/> lectures <input checked="" type="checkbox"/> seminars and workshops <input type="checkbox"/> practices <input checked="" type="checkbox"/> distance teaching <input type="checkbox"/> field teaching	<input checked="" type="checkbox"/> independent work <input type="checkbox"/> multimedia and web <input type="checkbox"/> laboratory <input type="checkbox"/> supervised work <input type="checkbox"/> other

1.6 Comments							
1.7 Students' obligations							
Students are obliged to attend lectures regularly, participate in them actively and perform all tasks laid down in the course syllabus.							
1.8 Monitoring ²⁷ of students' performance							
Lecture attendance	0.5	Student's engagement during the course	0.5	Seminar paper	1	Experimental work	
Written exam	2	Oral exam	1	Essay		Research	
Project		Continuous knowledge assessment		Report		Practical work	
Portfolio							
1.9 Grading and evaluation of student work during the course and at the final exam							
Students are obliged to write and present a seminar paper on assigned topic. This activity carries 25% of the final grade. Written exam carries 40% of the final grade and students can take it after presenting a seminar paper and receiving a passing grade. Oral exam carries 30% of the final grade and students can take it after successfully passing the written exam. The final grade will also depend on students' attendance and active participation during lectures (5%).							
1.10 Compulsory reading list (valid as of the study programme proposal)							
1. Vuleta, D. (1997). Kineziološka analiza tehničko-taktičkih sadržaja rukometne igre. (PhD thesis), Zagreb: Fakultet za fizičku kulturu.							
1.11 Optional reading list (valid as of the study programme proposal)							
1. Perry, J. F. Rohe, D. A., Garcia, A. O. (1996). The Kinesiology Workbook. 2nd Edition. Philadelphia: F. A. Davis Company.							
2. Balyi, I., Stafford, I. (2005). Coaching for longterm athlete development. Leeds: Coachwise UK.							
3. Bird, S. P. (2013) Sleep, recovery, and athletic performance: a brief review and recommendations strength and conditioning, 35 (5), 43 – 47.							
4. Gamble, P. (2006). Periodization of training for team sports athletes. strength and conditioning journal, 28 (5), 56-66.							
1.13 Number of copies of required reading materials in relation to the number of students currently attending the course							
Title		Number of copies		Number of students			
1.13 Method of monitoring the quality of teaching with respect to accomplishment of learning outcomes							
Anonymous student survey							

²⁷**IMPORTANT:** For each activity of monitoring students' performance, it is necessary to enter appropriate share of ECTS credits, so that the sum of shared ECTS credits per each activity corresponds to the total number of ECTS credits assigned to the course. Blank fields can be used for entering additional activities.

General information		
Course teacher	Assist. Prof. Dr. Josip Cvenić	
Course title	Introduction to Fitness	
Study programme	Undergraduate University Study Programme of Kinesiology	
Course status	Elective course in Kinesiological Recreation and Fitness module	
Study year	Second year	
Credit value and teaching delivery mode	ECTS student workload	3
	Number of teaching hours (L+P+S)	(15+0+15)

1. COURSE DESCRIPTION		
<i>1.1 Course objectives</i>		
Course objectives are to familiarise students with regularities of administered physical exercise process aimed at improving health and optimal development of kinanthropology characteristics, and to enable them to plan and evaluate fitness programmes.		
<i>1.2 Course entry requirements</i>		
There are no requirements for course entry.		
<i>1.3 Intended learning outcomes at the course level</i>		
Students will be able to: 1. describe and explain how fitness components influence users' overall kinanthropology status 2. explain influence of lifestyle habits and behaviour on development, treatment and prevention of hypokinetic illnesses, infectious illnesses, stress and addiction 3. analyse connection between physical activity, inactivity, nutrition and body mass and composition 4. plan, implement and evaluate personal fitness programme.		
<i>1.4 Course content</i>		
Division of kinesiology activities in the field of fitness (workload training, cardio fitness, aerobics). Analysis of muscles, muscle groups and joints in specific exercises with weights, cardio fitness exercises and different types of aerobics exercises. Energetic processes in performing specific exercises in the field of workload training, cardio fitness and aerobics. Muscle power and stamina. Flexibility. Posture and balance. Body composition. Planning a fitness programme.		
<i>1.5 Form of teaching</i>	<input checked="" type="checkbox"/> lectures <input checked="" type="checkbox"/> seminars and workshops <input type="checkbox"/> practices <input checked="" type="checkbox"/> distance teaching <input type="checkbox"/> field teaching	<input type="checkbox"/> independent work <input type="checkbox"/> multimedia and web <input type="checkbox"/> laboratory <input type="checkbox"/> supervised work <input type="checkbox"/> other _____
<i>1.6 Comments</i>		
<i>1.7 Students' obligations</i>		
Exam is taken in written and oral manner. Students must attend the minimum of 70% of lectures. Students have, during lectures, the right to two written partial knowledge		

assessments that substitute taking the complete written part of the exam. Students are obliged to write and present a seminar paper on assigned topic. Quality evaluation of seminar paper is based on adequately elaborated matter of the assigned topic and presentation of the seminar paper to group of students.

1.8 Monitoring²⁸ of students' performance

Lecture attendance	0.3	Student's engagement during the course		Seminar paper	0.7	Experimental work	
Written exam	2.0	Oral exam		Essay		Research	
Project		Continuous knowledge assessment		Report		Practical work	
Portfolio							

1.9 Grading and evaluation of student work during the course and at the final exam

Written knowledge assessment (two partial or one complete exam): 50%

Oral exam: 25%

Seminar paper: 25%

1.10 Compulsory reading list (valid as of the study programme proposal)

1. Jukić, I., Marković, G. (2005) Kondicijske vježbe s utezima. Zagreb: Kineziološki fakultet.

1.11 Optional reading list (valid as of the study programme proposal)

1. Blažević, J., Blažević, M., Zenić, N. (2011). Fitnes i aerobika-priručnik KIFST
2. Furjan- Mandić, G. et al. (2007). Metodika aerobike, Kineziološki fakultet Sveučilišta u Zagrebu, Zagreb.
3. Burton, A. William (1998). Movement Skill Assessment, USA : Human Kinetics.
4. Furjan- Mandić, G., Mitrović- Vrbanac, V. (2005). Metode slaganja koreografije u aerobici, Kineziološki fakultet Sveučilišta u Zagrebu, Zagreb.
5. Miletić, Đ. (2007). Estetska gibanja (textbook). Citius-Altius-Fortius, Split.
6. Sekulić, D., D. Metikoš (2007). Uvod u transformacijske postupke u kineziologiji: Udžbenici Sveučilišta u Splitu, Fakultet PMZK Split.

1.12 Number of copies of required reading materials in relation to the number of students currently attending the course

<i>Title</i>	<i>Number of copies</i>	<i>Number of students</i>

1.13 Method of monitoring the quality of teaching with respect to accomplishment of learning outcomes

Monitoring the number of taken exams and exam success. Monitoring students' interest and understanding of teaching materials via survey. Uniform University Student Survey.

²⁸**IMPORTANT:** For each activity of monitoring students' performance, it is necessary to enter appropriate share of ECTS credits, so that the sum of shared ECTS credits per each activity corresponds to the total number of ECTS credits assigned to the course. Blank fields can be used for entering additional activities.

General information		
Course teacher	Prof. Dr. Damir Sekulić	
Course title	Kinesiological Analysis in Fitness	
Study programme	Undergraduate University Study Programme of Kinesiology	
Course status	Elective course in Kinesiological Recreation and Fitness module	
Study year	Second year	
Credit value and teaching delivery mode	ECTS student workload	5
	Number of teaching hours (L+P+S)	(30+0+30)

2. COURSE DESCRIPTION			
<i>1.1 Course objectives</i>			
Course objective is to enable students to analyse independently, interpret and apply fitness programmes in development of users' targeted anthropological characteristics.			
<i>1.2 Course entry requirements</i>			
None			
<i>1.3 Intended learning outcomes at the course level</i>			
Students will be able to:			
1. conduct kinesiological analysis of different fitness programmes			
2. conduct anthropological analysis of different fitness programmes			
3. interpret kinesiological structure of fitness programmes			
4. interpret anthropological structure of fitness programmes			
5. apply fitness programmes in accordance with kinesiological and anthropological structure of fitness programmes.			
<i>1.4 Course content</i>			
	No	Lecture topics:	Number of teaching hours:
	1	Structural analysis of fitness programmes	3
	2	Biomechanical analysis of fitness programmes	3
	3	Anatomical analysis of fitness programmes	3
	4	Physiological analysis of fitness programmes	3
	5	Fitness programmes and motor abilities	3
	6	Fitness programmes and morphological characteristics	3
	9	Fitness programmes and functional abilities	3
	10	Fitness programmes and dimensions of psychosocial status	3

No	Practices topics:	Number of teaching hours:			
1	Fitness programmes with external workload – kinesiological analysis 1	3			
2	Fitness programmes with external workload – kinesiological analysis 2	3			
3	Fitness programmes with external workload – anthropological analysis 1	4			
4	Fitness programmes with external workload – anthropological analysis 2	4			
5	Group fitness programmes – kinesiological analysis	4			
6	Fitness programmes with primary objective of improving functional status – kinesiological analysis	4			
7	Group fitness programmes – anthropological analysis and application	4			
8	Fitness programmes with primary objective of improving functional status – anthropological analysis and application	4			
1.5 Form of teaching		<input checked="" type="checkbox"/> lectures <input checked="" type="checkbox"/> seminars and workshops <input checked="" type="checkbox"/> practices <input type="checkbox"/> distance teaching <input type="checkbox"/> field teaching <input type="checkbox"/> independent work <input type="checkbox"/> multimedia and web <input type="checkbox"/> laboratory <input type="checkbox"/> supervised work <input type="checkbox"/> other			
1.6 Comments					
1.7 Students' obligations: lecture attendance, performing tasks during lectures, taking practical and theoretical exam.					
Attendance at lectures.					
1.8 Monitoring ²⁹ of students' performance					
Lecture attendance	1.0	Student's engagement during the course	1.0	Seminar paper	Experimental work
Written exam	2.0	Oral exam	1.0	Essay	Research
Project		Continuous knowledge assessment		Report	Practical work
Portfolio					
1.9 Grading and evaluation of student work during the course and at the final exam					
Course grade is formed based on the following elements: a) work during lectures b) written exam c) oral exam					

²⁹**IMPORTANT:** For each activity of monitoring students' performance, it is necessary to enter appropriate share of ECTS credits, so that the sum of shared ECTS credits per each activity corresponds to the total number of ECTS credits assigned to the course. Blank fields can be used for entering additional activities.

Work during lectures evaluates students' acquiring of materials mastered during kinesiology practices.
 Written exam is comprised out of five questions, each carrying two points. For a sufficient (2) grade, students must gain eight points, for a good (3) grade students must gain nine to ten points.
 Student who gain ten points in the written exam can take the oral exam in order to achieve a very good (4) or an excellent (5) grade.
 Passed practical part of the exam (through work during lectures) is a requirement for taking written/oral exam.

1.10 Compulsory reading list (valid as of the study programme proposal)

1. Teaching materials are available on the course Moodle platform.

1.11 Optional reading list (valid as of the study programme proposal)

1. Rausavljević N, Sekulić D (2010) Fitness programi u nastavi TZK. Udžbenici Sveučilišta u Splitu
2. Zenic, N, Rausavljevic N, Bercic H (2010). Leisure-time physical activities: The anthropological benefits and health risks. *Kinesiologia Slovenica* 12/1

All reading materials, including optional, are available on the course at the Moodle platform.

1.12 Number of copies of required reading materials in relation to the number of students currently attending the course

<i>Title</i>	<i>Number of copies</i>	<i>Number of students</i>

1.13 Method of monitoring the quality of teaching with respect to accomplishment of learning outcomes

Uniform University Student Survey.

General information		
Course teacher	Assist. Prof. Dr. Hrvoje Ajman	
Course title	Anthropological Analysis in Physical Conditioning	
Study programme	Undergraduate University Study Programme of Kinesiology	
Course status	Elective in Physical Conditioning module	
Study year	Second year	
Credit value and teaching delivery mode	ECTS student workload	4
	Number of teaching hours (L+P+S)	(30+0+15)

1. COURSE DESCRIPTION
<i>1.1 Course objectives</i>
To acquire necessary theoretical knowledge about influence of morphological characteristics, motor abilities, functional abilities, cognitive abilities and conative characteristics of all participants on indicators of athletes' physical conditioning and their analysis with regard to selected sport.
<i>1.2 Course entry requirements</i>
There are no requirements for course entry.
<i>1.3 Intended learning outcomes at the course level</i>
Students will acquire necessary theoretical knowledge that will enable them to understand the influence of physical conditioning content on athletes' anthropological status. Students will be able to: 1. understand anthropological characteristics and abilities important for performance of physical conditioning content 2. analyse and identify differences in motor abilities 3. analyse and identify differences in functional capacities 4. analyse and identify differences in sizes of soft and hard body tissues 5. understand transformational value of physical conditioning content 6. understand evaluation manners of athletes' anthropological abilities and characteristics 7. make an analysis of physical conditioning content in selected sports activities in relation to anthropological status.
<i>1.4 Course content</i>
Lectures: System of physical conditioning Objectives and tasks of conditioning training for children, the young and adults Anthropological status of athletes and other users Morphological characteristics of athletes Division and methods of motor abilities development in sports Division and methods of functional abilities development in sports Division and methods of cognitive abilities development in sports Division and methods of morphological characteristics development in sports Evaluation procedures of anthropological abilities and characteristics of athletes Amount of workload and the role of training and rest in the system of physical conditioning Analysis of physical conditioning effects on athletes' anthropological status Seminars:

Anthropological characteristics of athletes of different age and sex Primary anthropological characteristics and abilities of athletes Specific anthropological characteristics and abilities of athletes Connection of athletes' characteristics and abilities in physical conditioning indicators Connection of athletes' characteristics and abilities with implementation success of training exercises for development of anthropological status dimensions							
1.5 Form of teaching		<input checked="" type="checkbox"/> lectures <input checked="" type="checkbox"/> seminars and workshops <input type="checkbox"/> practices <input type="checkbox"/> distance teaching <input type="checkbox"/> field teaching			<input type="checkbox"/> independent work <input type="checkbox"/> multimedia and web <input type="checkbox"/> laboratory <input type="checkbox"/> supervised work <input type="checkbox"/> other		
1.6 Comments							
1.7 Students' obligations							
Students are obliged to attend all lectures. Students are obliged to pass written part of the exam through seminars and preliminary exams as a requirement for taking the oral part of the exam. Students have the right to be absent from lectures according to the Ordinance on studies and studying.							
1.8 Monitoring ³⁰ of students' performance							
Lecture attendance	0.5	Student's engagement during the course		Seminar paper	0.5	Experimental work	
Written exam	1.0	Oral exam	1.0	Essay		Research	
Project		Continuous knowledge assessment	1.0	Report		Practical work	
Portfolio							
1.9 Grading and evaluation of student work during the course and at the final exam							
Exam consists of: a) presenting a seminar paper b) theoretical part c) oral part. Students must present a seminar paper on assigned topic in front of the seminar group. Students take theoretical part of the exam through two preliminary exams during academic year or through one theoretical exam. Oral part of the exam is taken in front of the exam committee.							
1.10 Compulsory reading list (valid as of the study programme proposal)							
1. Sekulić, D., Metikoš, D. (2007). Osnove transformacijskih postupaka u kineziologiji. Sveučilište u Splitu, Fakultet prirodoslovno-matematičkih znanosti i kineziologije (University textbook).							
1.11 Optional reading list (valid as of the study programme proposal)							
1. Jukić, I. et al. (Ed.) (2003-2021). Zbornici radova Međunarodnog znanstveno-stručnog skupa: Kondicijska priprema sportaša. Zagreb: Kineziološki fakultet Sveučilišta u Zagrebu i Udruga kondicijskih trenera Hrvatske. 2. Jukić, I. (Ed.) (2003-2017). Kondicijski trening. Kineziološki fakultet Sveučilišta u Zagrebu i Udruga kondicijskih trenera Hrvatske.							

³⁰**IMPORTANT:** For each activity of monitoring students' performance, it is necessary to enter appropriate share of ECTS credits, so that the sum of shared ECTS credits per each activity corresponds to the total number of ECTS credits assigned to the course. Blank fields can be used for entering additional activities.

1.12 Number of copies of required reading materials in relation to the number of students currently attending the course

<i>Title</i>	<i>Number of copies</i>	<i>Number of students</i>

1.13 Method of monitoring the quality of teaching with respect to accomplishment of learning outcomes

Monitoring the number of taken exams and exam success. Monitoring students' interest and understanding of teaching materials via survey.

General information		
Course teacher	Assist. Prof. Dr. Hrvoje Ajman	
Course title	Kinesiological Analysis in Physical Conditioning	
Study programme	Undergraduate University Study Programme of Kinesiology	
Course status	Obligatory	
Study year	Second year	
Credit value and teaching delivery mode	ECTS student workload	4
	Number of teaching hours (L+P+S)	(15+0+30)
1. COURSE DESCRIPTION		
<i>1.1 Course objectives</i>		
Course objective is to acquire necessary theoretical knowledge on structural, anatomical, biomechanical, functional and informational characteristics of physical conditioning content in specific sport.		
<i>1.2 Course entry requirements</i>		
There are no requirements for course entry.		
<i>1.3 Intended learning outcomes at the course level</i>		
<p>Students will acquire necessary theoretical knowledge that will enable them to:</p> <ul style="list-style-type: none"> -quality analyse individual sports activities with the purpose of making a physical conditioning programme -analyse physical conditioning content with the function of development or maintenance of anthropological characteristics and abilities. <p>Students will be able to:</p> <ol style="list-style-type: none"> 1. understand structural, anatomical, biomechanical, functional and informational characteristics of specific sports activities with the function of athletes' physical conditioning 2. understand structural, anatomical, biomechanical, functional and informational characteristics of physical conditioning content with the function of making a physical conditioning programme for athletes 3. understand methodology for analysis of athletes' sports activities and physical conditioning content 4. make an analysis of specific sports activity and physical conditioning content. 		
<i>1.4 Course content</i>		
<p>Structure of physical conditioning</p> <p>Types of physical conditioning</p> <p>Structural analysis for determining typical structures, substructures and structural units of physical conditioning content</p> <p>Anatomical analysis of functions of specific muscle groups and joint systems as a part of physical conditioning content</p> <p>Biomechanical analysis of quality implementation evaluation of structures of physical conditioning content</p> <p>Functional analysis of sports activity and physical conditioning content</p> <p>Informational analysis of physical conditioning training content</p> <p>Regularities by which is possible to determine and evaluate characteristics of typical movement structures of physical conditioning content</p> <p>Integral application of kinesiology analysis results in planning and programming athletes'</p>		

physical conditioning Structural characteristics of sports with different complexity classification Anatomical characteristics of sports with different complexity classification Biomechanical characteristics of sports with different complexity classification Functional characteristics of sports with different complexity classification Informational characteristics of sports with different complexity classification Structural characteristics of physical conditioning content Anatomical characteristics of physical conditioning content Biomechanical characteristics of physical conditioning content Functional characteristics of physical conditioning content Informational characteristics of physical conditioning content							
<i>1.5 Form of teaching</i>		<input checked="" type="checkbox"/> lectures <input checked="" type="checkbox"/> seminars and workshops <input type="checkbox"/> practices <input type="checkbox"/> distance teaching <input type="checkbox"/> field teaching				<input type="checkbox"/> independent work <input type="checkbox"/> multimedia and web <input type="checkbox"/> laboratory <input type="checkbox"/> supervised work <input type="checkbox"/> other	
<i>1.6 Comments</i>							
<i>1.7 Students' obligations</i>							
Students are obliged to attend all lectures. Students are obliged to pass written part of the exam through seminars and preliminary exams as a requirement for taking the oral part of the exam. Students have the right to be absent from lectures according to the Ordinance on studies and studying.							
<i>1.8 Monitoring³¹ of students' performance</i>							
Lecture attendance	0.5	Student's engagement during the course		Seminar paper	0.5	Experimental work	
Written exam	0.5	Oral exam	2.0	Essay		Research	
Project		Continuous knowledge assessment	0.5	Report		Practical work	
Portfolio							
<i>1.9 Grading and evaluation of student work during the course and at the final exam</i>							
Exam consists of: a) presenting a seminar paper b) theoretical part c) oral part. Students present a seminar paper on assigned topic in front of the seminar group. Students take theoretical part of the exam through two preliminary exams during academic year or through one theoretical exam. Oral part of exam is taken in front of the exam committee.							
<i>1.10 Compulsory reading list (valid as of the study programme proposal)</i>							
1. Sekulić, D., Metikoš, D. (2007). Osnove transformacijskih postupaka u kineziologiji. Sveučilište u Splitu, Fakultet prirodoslovno-matematičkih znanosti i kineziologije (University textbook).							

³¹**IMPORTANT:** For each activity of monitoring students' performance, it is necessary to enter appropriate share of ECTS credits, so that the sum of shared ECTS credits per each activity corresponds to the total number of ECTS credits assigned to the course. Blank fields can be used for entering additional activities.

General information		
Course teacher	Assist. Prof. Dr. Iva Šklempe Kokić	
Course title	Functional Effects of Kinesitherapy Interventions	
Study programme	Undergraduate University Study Programme of Kinesiology	
Course status	Elective in Kinesitherapy module	
Study year	Second year	
Credit value and teaching delivery mode	ECTS student workload	3
	Number of teaching hours (L+P+S)	(15+0+15)

1. COURSE DESCRIPTION		
<i>1.1 Course objectives</i>		
Course objective is to acquire knowledge about functional effects of kinesitherapy interventions on tissues, organs and organ systems of the human body. Students will learn effects of specific forms of kinesitherapy on morphological characteristics and body composition, the function of cardiorespiratory and endocrine systems and the function and morphology of locomotor system as well as some motor abilities in humans.		
<i>1.2 Course entry requirements</i>		
There are no requirements for course entry.		
<i>1.3 Intended learning outcomes at the course level</i>		
By mastering the course materials, students will be able to: 1. connect individual forms of kinesitherapy to physiological functions of the human organism 2. differentiate between effects of specific kinesitherapy interventions on the human organism function and motor abilities 3. choose optimal kinesitherapy interventions with regard to user's needs 4. predict effects of kinesitherapy activities on different organ functions and organ systems 5. evaluate newer methods in the field of kinesitherapy with regard to their effect.		
<i>1.4 Course content</i>		
Principles and procedures of kinesitherapy applications regarding their effect on human organism and motor skills. Effects of kinesitherapy interventions for muscular strength, power and stamina on the function and structure of locomotor system. Effects of kinesitherapy interventions for cardiorespiratory endurance on the function of cardiorespiratory system. Effects of specific forms of kinesitherapy such as proprioception, balance, coordination and neuromuscular control exercises on motor abilities. Respiratory training. Kinesitherapy interventions for improving body composition and their effects on the endocrine system. Effects of stretching exercises on the function and structure of locomotor system. Effects of specific kinesitherapy interventions in different dysfunctions of human organism.		
<i>1.5 Form of teaching</i>	<input checked="" type="checkbox"/> lectures <input checked="" type="checkbox"/> seminars and workshops <input type="checkbox"/> practices <input checked="" type="checkbox"/> distance teaching <input type="checkbox"/> field teaching	<input type="checkbox"/> independent work <input checked="" type="checkbox"/> multimedia and web <input type="checkbox"/> laboratory <input type="checkbox"/> supervised work <input type="checkbox"/> other
<i>1.6 Comments</i>		

<i>1.7 Students' obligations</i>							
Students are obliged to attend lectures regularly, participate in them actively and perform all tasks laid down in the course syllabus.							
<i>1.8 Monitoring³²of students' performance</i>							
Lecture attendance	0.5	Student's engagement during the course		Seminar paper	1	Experimental work	
Written exam	1	Oral exam	0.5	Essay		Research	
Project		Continuous knowledge assessment		Report		Practical work	
Portfolio							
<i>1.9 Grading and evaluation of student work during the course and at the final exam</i>							
Students are obliged to write and present a seminar paper on assigned topic during the semester. This activity carries 33% of the final grade. Written exam carries 33% of the final grade and students can take it after presenting and passing the seminar paper. Oral exam carries 34% of the final grade and students can take it after they successfully pass the written exam. Oral exam grade will also depend on students' active participation during lectures.							
<i>1.10 Compulsory reading list (valid as of the study programme proposal)</i>							
<ol style="list-style-type: none"> 1. Mišigoj-Duraković, M. (2018). Tjelesno vježbanje i zdravlje. Zagreb: Znanje d.d. 2. Kosinac, Z. (2008). Kineziterapija sustava za kretanje. Zagreb: Gopal d.o.o. 3. Pećina, M. et al. (2019). Sportska medicina. Zagreb: Medicinska naklada. 							
<i>1.11 Optional reading list (valid as of the study programme proposal)</i>							
<ol style="list-style-type: none"> 1. Kisner, C., Allen Colby, L., Borstad, J. (2017). Therapeutic Exercise: Foundations and Techniques. 7th Edition. Philadelphia: F. A. Davis Company. 2. Brody, L., Hall, C. (2017). Therapeutic Exercise. Moving Toward Function. 4th Edition. Philadelphia: Wolters Kluwer. 3. Arnold, B. L., Schilling, B. (2017.). Evidence Based Practice in Sport and Exercise: A Practitioner's Guide to Using Research. 1st Edition. Philadelphia: F. A. Davis Company. 4. Amonette, W. E., English, K. L., Kraemer, W. J. (2016.). Evidence-Based Practice in Exercise Science: The Six-step Approach. 1st Edition. Champaign: Human Kinetics. 							
<i>1.12 Number of copies of required reading materials in relation to the number of students currently attending the course</i>							
		<i>Title</i>	<i>Number of copies</i>	<i>Number of students</i>			
<i>1.13 Method of monitoring the quality of teaching with respect to accomplishment of learning outcomes</i>							
Anonymous student survey.							

³²**IMPORTANT:** For each activity of monitoring students' performance, it is necessary to enter appropriate share of ECTS credits, so that the sum of shared ECTS credits per each activity corresponds to the total number of ECTS credits assigned to the course. Blank fields can be used for entering additional activities.

General information		
Course teacher	Assist. Prof. Dr. Iva Šklempe Kokić	
Course title	Kinesiological Analysis in Kinesitherapy	
Study programme	Undergraduate University Study Programme of Kinesiology	
Course status	Elective in Kinesitherapy module	
Study year	Second year	
Credit value and teaching delivery mode	ECTS student workload	5
	Number of teaching hours (L+P+S)	(30+0+30)
1. COURSE DESCRIPTION		
<i>1.1 Course objectives</i>		
Course objective is to familiarise students with kinesiological analysis of normal, but also pathological posture, postural adaptation, movement and motor functions of the human body. Furthermore, the objective is to enable students to assess and evaluate human posture and movement in all life stages.		
<i>1.2 Course entry requirements</i>		
There are no requirements for course entry.		
<i>1.3 Intended learning outcomes at the course level</i>		
Upon completion of the course, students will be able to:		
<ol style="list-style-type: none"> 1. estimate posture and human body movement by segments and as a whole 2. differentiate between normal posture and pathological posture movement 3. demonstrate tests for posture and movement assessment 4. connect kinesiological and biomechanical regularities of the human body function with normal movement 5. make posture status and define normal and pathological postural state 6. connect pathological posture and movement to corrective interventions in kinesitherapy. 		
<i>1.4 Course content</i>		
Kinesiological analysis of human body posture and movement by segments and as a whole. Methods for posture evaluation. Connecting human body movement with basic principles of biomechanics. Connection of physiological principles and motor control of human body that are necessary for normal posture and movement. Muscle function and tone. Methods and tests for evaluation of muscle function. Joint function as a requirement for normal mobility. Methods and tests for evaluation of joint integrity and movement range. Development of posture and postural adaptation of the human body. Normal movement and postural adaptation and distinction between normal movement and pathological movement and postural adaptation. Evaluation methods of movement and function of the movement system. Kinesiological analysis of torso and head in the context of normal and pathological posture and movement (anatomical, physiological and biomechanical characteristics of movement). Kinesiological analysis of upper extremities in the context of normal and pathological movement (anatomical, physiological and biomechanical characteristics of movement). Distinction between fine and gross motor skills of the fist. Kinesiological analysis of lower extremities in the context of normal and pathological movement (anatomical, physiological and biomechanical characteristics of movement). Kinesiological analysis of normal and pathological gait. Kinesiological analysis of breathing function and pelvic floor function in the context of kinesitherapy. Applicability of acquired knowledge in kinesitherapy practice		

for each body segment and body as a whole.											
<i>1.5 Form of teaching</i>		<input checked="" type="checkbox"/> lectures	<input checked="" type="checkbox"/> seminars and workshops	<input checked="" type="checkbox"/> practices	<input checked="" type="checkbox"/> distance teaching	<input checked="" type="checkbox"/> field teaching	<input checked="" type="checkbox"/> independent work	<input checked="" type="checkbox"/> multimedia and web	<input type="checkbox"/> laboratory	<input type="checkbox"/> supervised work	<input type="checkbox"/> other
<i>1.6 Comments</i>											
<i>1.7 Students' obligations</i>											
Students are obliged to attend lectures regularly, participate in them actively and perform all tasks laid down in the course syllabus.											
<i>1.8 Monitoring³³ of students' performance</i>											
Lecture attendance	0.5	Student's engagement during the course	0.5	Seminar paper	1	Experimental work					
Written exam	2	Oral exam	1	Essay		Research					
Project		Continuous knowledge assessment		Report		Practical work					
Portfolio											
<i>1.9 Grading and evaluation of student work during the course and at the final exam</i>											
Students are obliged to write and present a seminar paper on assigned topic during the semester. This activity carries 33% of the final grade. Written exam carries 33% of the final grade and students can take it after presenting and passing the seminar paper. Oral exam carries 34% of the final grade and students can take it after they successfully pass the written exam. Oral exam grade will also depend on students' active participation during lectures.											
<i>1.10 Compulsory reading list (valid as of the study programme proposal)</i>											
<ol style="list-style-type: none"> 1. Majkić, M. (1997). Klinička kineziterapija. 6. izdanje. Zagreb: Inmedia. 2. Keros, P., Pećina, M. (2020.). Funkcijska anatomija lokomotornog sustava. 2. izdanje. Zagreb: Naklada Ljevak. 											
<i>1.11 Optional reading list (valid as of the study programme proposal)</i>											
<ol style="list-style-type: none"> 1. Levangie, P. K., Norkin, C. C., Lewek, M. C. (2019). Joint Structure and Function: A Comprehensive Analysis. 6th Edition. Philadelphia: F. A. Davis Company. 2. Perry, J. F. Rohe, D. A., Garcia, A. O. (1996). The Kinesiology Workbook. 2nd Edition. Philadelphia: F. A. Davis Company. 3. Avers, D. A., Brown, M. (2018). Daniels and Worthingham's Muscle Testing. 10th Edition. Philadelphia: Saunders. 4. Norkin, C. C. White, D. J. (2016). Measurement of Joint Motion: A Guide to Goniometry. 5th Edition. Philadelphia: F. A. Davis Company. 											
<i>1.12 Number of copies of required reading materials in relation to the number of students currently attending the course</i>											
				<i>Title</i>	<i>Number of copies</i>	<i>Number of students</i>					
<i>1.13 Method of monitoring the quality of teaching with respect to accomplishment of learning outcomes</i>											
Anonymous student survey.											

³³**IMPORTANT:** For each activity of monitoring students' performance, it is necessary to enter appropriate share of ECTS credits, so that the sum of shared ECTS credits per each activity corresponds to the total number of ECTS credits assigned to the course. Blank fields can be used for entering additional activities.

**THIRD STUDY YEAR of the Undergraduate University Study Programme of
Kinesiology**

General information		
Course teacher	Assist. Prof. Dr. Tvrtko Galić	
Course title	Economics and Management in Sports	
Study programme	Undergraduate University Study Programme of Kinesiology	
Course status	Obligatory	
Study year	Third year	
Credit value and teaching delivery mode	ECTS student workload	5
	Number of teaching hours (L+P+S)	(30 + 0 + 30)
1. COURSE DESCRIPTION		
<i>1.1 Course objectives</i>		
Mastering theoretical knowledge in units studied during the course and acquiring applicative knowledge for better understanding of contemporary trends in sports business.		
<i>1.2 Course entry requirements</i>		
There are no requirements for course entry.		
<i>1.3 Intended learning outcomes at the course level</i>		
Students will be able to:		
<ol style="list-style-type: none"> 1. independently compare regulations by which relations in the sports business are arranged 2. interpret acquired knowledge in this multidisciplinary field 3. evaluate organisation of sports in the Republic of Croatia and the European Union 4. differentiate between specificities of European sports model 5. analyse the relation between sports law and other branches of law, domestic and international sports law and autonomous sports regulations. 		
<i>1.4 Course content</i>		
<p>Context of sports. Economics of sports as a scientific-teaching discipline. Subject, objective and tasks of sports economics. Valorisation of social and economic effects of sports. Funding in sports (manners and sources of funding in sports). Economics of sports organisations business activities. Economics of resources usage in sports business. Concept, types and role of resources in sports. Labour economics in sports. Calculation and distribution in sports organisations. Managing costs in sports. Economic criteria of business success. Development and functions of management. Management in sports.</p> <p>Definition and functions of management in sports. Planning in sports management. Organising in sports management. Managing human resources in sports. Organisational behaviour in sports organisations. Elements of organisational behaviour in sports organisations. Motivation as a theory and practice in managing human resources.</p> <p>Process of controlling in sports management. Financial management and budgeting in the sports industry. Sports management in tourism. Organisation of sports in the Republic of Croatia. Management of small and non-profit organisations. Management of sports organisations, quality and implementation. Managing and ethics in sports. Managing sports production activities, quality and implementation. Strategic orientation of organisations and strategy of production activities. Formation of organisational products, services and processes. Production controlling. Managing sports events and facilities. Managing risks.</p> <p>Sports and law. The role of entrepreneurship in sports. Application of marketing in sports.</p>		

<i>1.5 Form of teaching</i>		<input checked="" type="checkbox"/> lectures <input checked="" type="checkbox"/> seminars and workshops <input type="checkbox"/> practices <input type="checkbox"/> distance teaching <input type="checkbox"/> field teaching			<input type="checkbox"/> independent work <input type="checkbox"/> multimedia and web <input type="checkbox"/> laboratory <input type="checkbox"/> supervised work <input type="checkbox"/> other		
<i>1.6 Comments</i>							
<i>1.7 Students' obligations</i>							
<i>1.8 Monitoring³⁴ of students' performance</i>							
Lecture attendance	x	Student's engagement during the course	x	Seminar paper	x	Experimental work	
Written exam	x	Oral exam	x	Essay		Research	
Project		Continuous knowledge assessment	x	Report		Practical work	
Portfolio							
<i>1.9 Grading and evaluation of student work during the course and at the final exam</i>							
TEACHING METHOD	ECTS CREDITS	LEARNING OUTCOME	STUDENTS' ACTIVITIES	EVALUATION METHOD	POINTS		
					Min	Max	
Lecture and practice attendance	1	1-5	Lecture and practice attendance	Register			
Periodical knowledge assessment (preliminary exam)	1.5	1-5	Preparation for preliminary exams and partial exams	2 preliminary exams (written) 2 partial exams (written and oral)			
Seminar paper	0.5	1-5	Preparation and writing of seminar paper	Presenting seminar paper			
Final exam	2	1-5	Preparation for written and oral exam	One final exam (written and oral)			
TOTAL	5						
<i>1.10 Compulsory reading list (valid as of the study programme proposal)</i>							
1. Beech J., Chadwick S. (2010). Sportski menadžment, Prentice Hall, Financial Times, Mate d.o.o. Zagreb. 2. Bartoluci, M. (2003). Ekonomika i menadžment sporta, Informator, Kineziološki fakultet, Zagreb							

³⁴**IMPORTANT:** For each activity of monitoring students' performance, it is necessary to enter appropriate share of ECTS credits, so that the sum of shared ECTS credits per each activity corresponds to the total number of ECTS credits assigned to the course. Blank fields can be used for entering additional activities.

1.11 Optional reading list (valid as of the study programme proposal)

1. Smith A.C.T. (2008). Introduction to sport marketing, Elsevier, Oxford.
2. Shilbury D., Westerbeek H., Quick S. (2009). Strategic sport marketing (3rd Edition), Allen & Unwin, Crows Nest NSW 2065, Australia
3. Novak, I. (2006). Sportski marketing i industrija sporta, Maling, Zagreb.
4. Bartoluci, M. et al. (2004). Menedžment u sportu i turizmu (Management in sport and tourism), Kineziološki fakultet i Ekonomski fakultet, Zagreb

1.12 Number of copies of required reading materials in relation to the number of students currently attending the course

<i>Title</i>	<i>Number of copies</i>	<i>Number of students</i>

1.13 Method of monitoring the quality of teaching with respect to accomplishment of learning outcomes

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General information		
Course teacher	Assist. Prof. Dr. Ivica Kelam	
Course title	Society and Sports	
Study programme	Undergraduate University Study Programme of Kinesiology	
Course status	Obligatory	
Study year	Third year	
Credit value and teaching delivery mode	ECTS student workload	5
	Number of teaching hours (L+P+S)	(30+0+30)

1. COURSE DESCRIPTION		
<i>1.1 Course objectives</i>		
<p>Course objective is to present to students basic sociology models necessary for studying and understanding of: a) society as a whole, b) sports as a social phenomenon, and c) relation between sports and society. Special emphasis will be on development of critical thinking with which students will be able to apply above mentioned models in understanding the role of sports in a society as a whole and especially the role of sports in education in general and in prevention and repression of behavioural and health problems in educational context specifically.</p>		
<i>1.2 Course entry requirements</i>		
There are no requirements.		
<i>1.3 Intended learning outcomes at the course level</i>		
<ol style="list-style-type: none"> 1. Students will be able to understand and define basic sociology concepts, theories and paradigms. 2. Students will be able to analyse and understand the relation between sports and society. 3. Students will be able to understand groups that connect themselves to sports, including dynamics of supporters' groups. 4. Students will be able to consider and understand sports as one of social control factors. 5. Students will be able to describe and understand the role of sports in society and sports recreation, along with understanding culture of every context in which sports and sports recreation are implemented. 6. Students will be able to understand the role of sports and physical activity in health promotion and prevention/repression of behavioural problems in different contexts. 		
<i>1.4 Course content</i>		
<p>Sociology concepts and paradigms, socialisation, methodology of social phenomena research, subculture groups connected to sports, deviance and sports, the role of media and marketing in sports, the issue of racism in sports, gender and sexual discrimination in sports, the role of politics in sports, culture, ethos and philosophy of institutions used for sports and sports recreation, sports and health in different social contexts, sports and problem prevention in behaviour in different contexts.</p>		
<i>1.5 Form of teaching</i>	<input checked="" type="checkbox"/> lectures <input checked="" type="checkbox"/> seminars and workshops <input type="checkbox"/> practices <input type="checkbox"/> distance teaching <input type="checkbox"/> field teaching	<input type="checkbox"/> independent work <input type="checkbox"/> multimedia and web <input type="checkbox"/> laboratory <input type="checkbox"/> supervised work <input type="checkbox"/> other

<i>1.6 Comments</i>							
<i>1.7 Students' obligations</i>							
<i>1.8 Monitoring³⁵ of students' performance</i>							
Lecture attendance	0.5	Student's engagement during the course	1.5	Seminar paper		Experimental work	
Written exam		Oral exam	3	Essay		Research	
Project		Continuous knowledge assessment		Report		Practical work	
Portfolio							
<i>1.9 Grading and evaluation of student work during the course and at the final exam</i>							
<i>Students are continuously monitored and their engagement during the course with knowledge presented in oral exam evaluated.</i>							
<i>1.10 Compulsory reading list (valid as of the study programme proposal)</i>							
1. Giddens, A. (2007). Sociologija. Zagreb, Globus							
2. Žugić, Z. (2000). Sociologija sporta. Zagreb, Fakultet za fizičku kulturu Sveučilišta u Zagrebu							
<i>1.11 Optional reading list (valid as of the study programme proposal)</i>							
1. Coakley, Jay J. (2017). Sports in society _ issues and controversies, Colorado Springs, McGraw-Hill Education							
2. Skender, G. (2007). Sport i društvo. Zagreb, Klio							
3. Houlihan, B. (2008). Sport and Society. London, SAGE							
<i>1.12 Number of copies of required reading materials in relation to the number of students currently attending the course</i>							
		<i>Title</i>	<i>Number of copies</i>	<i>Number of students</i>			
<i>1.13 Method of monitoring the quality of teaching with respect to accomplishment of learning outcomes</i>							
Anonymous student survey							

³⁵**IMPORTANT:** For each activity of monitoring students' performance, it is necessary to enter appropriate share of ECTS credits, so that the sum of shared ECTS credits per each activity corresponds to the total number of ECTS credits assigned to the course. Blank fields can be used for entering additional activities.

General information		
Course teacher	Assist. Prof. Dr. Antonija Šarić	
Course title	English Language	
Study programme	Undergraduate University Study Programme of Kinesiology	
Course status	Obligatory	
Study year	Third year	
Credit value and teaching delivery mode	ECTS student workload	2
	Number of teaching hours (L+P+S)	(15+15+0)
1. COURSE DESCRIPTION		
<i>1.1 Course objectives</i>		
Course objective is to achieve receptive and productive communicational competence in English language through work on technical terminology and basic morphology and syntax terms.		
<i>1.2 Course entry requirements</i>		
There are no requirements.		
<i>1.3 Intended learning outcomes at the course level</i>		
Students will be able to: 1. acquire basic kinesiology terminology in English language through work on technical texts 2. acquire basic morphological and syntactic knowledge in technical English language for the field of Kinesiology through work on teaching materials 3. achieve understanding of the written technical text in English language (text translation, text discussion, interpretation of the read technical text) and will acquire the ability of oral communication.		
<i>1.4 Course content</i>		
English language in kinesiology: 1. Creating terminologies out of words. 2. Origins of selected names in technical English language for the field of Kinesiology. 3. Development of terms/concepts and associated names in kinesiology. 4. Characteristics of technical English language (of kinesiology). 5. Work on terminology through technical texts in English language with topics in kinesiology – body parts, sports and disciplines names, names of tools/equipment, names of sports playground/field, kinesiology vs. sport, anatomy (muscle types, muscle structure, muscle naming etc.), physiology (types of muscle contractions, oxygen transport, etc.), aerobic and anaerobic exercise, fitness, the role of physical exercise in everyday life, athletics (athletics disciplines, biomechanics of long jump, etc.), sports gymnastics (e.g. names and descriptions of performance of elements on tools in men’s and women’s artistic gymnastics), rhythmic gymnastics, swimming (names of four recognised swimming strokes, names of competition disciplines, names and descriptions of techniques within individual swimming strokes), diving (buoyancy, free diving, scuba diving, etc.), rowing (rowing disciplines in rowing double sculls and sweep rowing, etc.), sailing, combat sports (basic names of individual combat sports and skills and basic names of punches and grappling techniques of throwing and catching), team sports – basketball, handball, volleyball, football (e.g., court parts, player positions, basic skills, game elements in offence and defence, etc.), skiing, tennis (court parts, basic kicks, descriptions of kicks, etc.), sports for people with disabilities, Olympic Games, etc. 6. Selected topics in grammar: affixation, compounds, blending, shortening words, acronyms, plural of nouns of Latin and Greek origins, application of passive constructions in technical		

texts in English language, verb tenses.							
<i>1.5 Form of teaching</i>		<input checked="" type="checkbox"/> lectures	<input type="checkbox"/> seminars and workshops	<input checked="" type="checkbox"/> practices	<input type="checkbox"/> distance teaching	<input type="checkbox"/> field teaching	<input type="checkbox"/> independent work
		<input type="checkbox"/> multimedia and web	<input type="checkbox"/> laboratory	<input type="checkbox"/> supervised work	<input type="checkbox"/> other		
<i>1.6 Comments</i>							
<i>1.7 Students' obligations</i>							
Regular attendance at lectures and practices (students must attend minimum 70% of lectures and practices) during the semester.							
<i>1.8 Monitoring³⁶ of students' performance</i>							
Lecture attendance	0.5	Student's engagement during the course	0.5	Seminar paper		Experimental work	
Written exam	0.5	Oral exam	0.5	Essay		Research	
Project		Continuous knowledge assessment	x	Report		Practical work	
Portfolio							
<i>1.9 Grading and evaluation of student work during the course and at the final exam</i>							
<p>Evaluation and grading elements:</p> <ul style="list-style-type: none"> - activity and engagement during lectures and practices - receptive and production component of knowing technical English vocabulary for the field of kinesiology - grammar elements (word formation, plural of nouns of Latin and Greek origins, passive sentence construction, verb tenses). <p>Manners of assessment: written and oral. During the semester, students can pass the course through preliminary exams.</p>							
<i>1.10 Compulsory reading list (valid as of the study programme proposal)</i>							
<p>1. Omrčen, D. (2000). English for kinesiology. Zagreb: Fakultet za fizičku kulturu Sveučilišta u Zagrebu.</p> <p>2. Omrčen, D. (2009). English for Sports Coaches. Zagreb: Odjel za izobrazbu trenera Društvenog veleučilišta u Zagrebu, Kineziološki fakultet Sveučilišta u Zagrebu.</p>							
<i>1.11 Optional reading list (valid as of the study programme proposal)</i>							
<p>1. (1991). Dictionary of the sport and exercise sciences. Champaign: Human Kinetics Books.</p> <p>2. Hornby, A. S. (2000). Oxford Advanced Learner's Dictionary of Current English. 6th Edition. Oxford: Oxford University Press.</p> <p>3. Leech, G., & Svartvik, J. (1994). A communicative grammar of English. 2nd Edition. London: Longman.</p> <p>4. Rules of the game. (1991). London: The Diagram Group, Collins Willow, Harper Collins Publishers.</p>							
<i>1.12 Number of copies of required reading materials in relation to the number of students currently attending the course</i>							
		<i>Title</i>	<i>Number of copies</i>	<i>Number of students</i>			

³⁶**IMPORTANT:** For each activity of monitoring students' performance, it is necessary to enter appropriate share of ECTS credits, so that the sum of shared ECTS credits per each activity corresponds to the total number of ECTS credits assigned to the course. Blank fields can be used for entering additional activities.

1.13 Method of monitoring the quality of teaching with respect to accomplishment of learning outcomes

Anonymous student survey

General information		
Course teacher	Jurica Lovrinčević, Lecturer	
Course title	Professional Practice	
Study programme	Undergraduate University Study Programme of Kinesiology	
Course status	Obligatory	
Study year	Third year	
Credit value and teaching delivery mode	ECTS student workload	2
	Number of teaching hours (L+P+S)	(0+40+0)

1. COURSE DESCRIPTION		
<i>1.1 Course objectives</i>		
The objective of trainer professional practice is to familiarise students with the training process in development of athletes of different age categories, that is, with users' exercise in processes of sports recreation and fitness.		
<i>1.2 Course entry requirements</i>		
There are no requirements.		
<i>1.3 Intended learning outcomes at the course level</i>		
After passing the exam, students will be able to:		
1. describe conditions in which training sessions were conducted (effective usage of equipment and area)		
2. independently prepare and conduct training sessions for all age categories		
3. analyse data from individual training sessions, analyse trainers' documentation and register of athletes		
4. understand tests of initial, transitive and final state of athletes' preparedness		
5. lead matches and sports competitions		
6. technically, tactically and psychologically prepare a match or a competition		
7. conduct a preparation for a match, communication in locker room during break, after the competition.		
<i>1.4 Course content</i>		
Observing training sessions, matches and other sports activities		
Conducting independent training sessions		
Organisation and programme of leading a sports team or an individual		
Daily preparation for training session, a match (hosting – visiting)		
Trainer's documentation, aids for work, writing a journal		
Area and equipment of a sports club, using equipment		
Cooperation with players, trainer, assistant trainer, parents and club management		
<i>1.5 Form of teaching</i>	<input type="checkbox"/> lectures <input type="checkbox"/> seminars and workshops <input checked="" type="checkbox"/> practices <input type="checkbox"/> distance teaching <input type="checkbox"/> field teaching	<input type="checkbox"/> samostalni zadaci <input type="checkbox"/> multimedia and web <input type="checkbox"/> laboratory <input checked="" type="checkbox"/> supervised work <input type="checkbox"/> other
<i>1.6 Comments</i>		
<i>1.7 Students' obligations</i>		

1. Students independently or possibly at the recommendation of the head of the study programme arrange trainer professional practice in an individual club/centre.
2. After oral arrangement, students personally send a written application to the club/centre for conducting professional practice.
3. After the club/centre receives and positively assesses the conducting of professional practice, it issues confirmation on approval of conducting professional practice (one sentence confirmation). Confirmation must have the name of the institution, phone number and e-mail address written in header and first and last name of the mentor, with whom the head of the study programme can communicate if necessary, written in text.
4. Students personally submit the confirmation to the head of the study programme who, in return, issues Form 1 as referral for conducting trainer professional practice.
5. Students fill our Form 1 and hand it to their mentor, club/centre director or sports organisation director at the beginning of their trainer professional practice.
6. After conducting the trainer professional practice, students submit to mentor their professional practice journals containing preparations of conducted training sessions. Mentor reviews and certifies the journal with his signature and stamp of the institution in which the professional practice was conducted.
7. Students submit their certified journal to the head of the study programme who then signs in the provided section.

1.8 Monitoring³⁷ of students' performance

Lecture attendance		Student's engagement during the course		Seminar paper		Experimental work	
Written exam		Oral exam		Essay		Research	
Project		Continuous knowledge assessment		Report		Practical work	2
Portfolio							

1.9 Grading and evaluation of student work during the course and at the final exam

Trainer professional practice documentation, obligatory for students, contains:

- certified confirmation on conducted trainer professional practice in a sports club, fitness or recreation in the Republic of Croatia
- report on conducted practice (up to three pages of text)
- trainer professional practice journal.

1.10 Compulsory reading list (valid as of the study programme proposal)

1. Milanović, D. Jukić, I. (Eds.) (2003). Kondicijska priprema sportaša. Zbornik radova znanstvenostručnog skupa «Kondicijska priprema sportaša», Kineziološki fakultet, Udruga kondicijskih trenera Hrvatske, Zagrebački športski savez, Zagrebački velesajam.
2. Gabrijević, M. (1984). Osnove teorije i metodike treninga nogometaša. Skripta za trenere nogometa, Fakultet za fizičku kulturu, Zagreb.
3. Bompa, O. T. (2000). Cjelokupni trening za mlade pobjednike. HKS i UKTH, Zagreb.
4. Milanović, D. (1997). Osnove teorije treninga. In: Milanović, D. (Ed.): Priručnik za sportske trenere (p. 483-599), Fakultet za fizičku kulturu Sveučilišta u Zagrebu.

1.11 Optional reading list (valid as of the study programme proposal)

³⁷**IMPORTANT:** For each activity of monitoring students' performance, it is necessary to enter appropriate share of ECTS credits, so that the sum of shared ECTS credits per each activity corresponds to the total number of ECTS credits assigned to the course. Blank fields can be used for entering additional activities.

1. Bompá, O. T. (1999). *Periodizacija: teorija i metodika treninga*. HKS i UKTH, Zagreb.

1.12 Number of copies of required reading materials in relation to the number of students currently attending the course

<i>Title</i>	<i>Number of copies</i>	<i>Number of students</i>

1.13 Method of monitoring the quality of teaching with respect to accomplishment of learning outcomes

Conducting survey for students at the end of the course.

General information		
Course teacher	Assist. Prof. Dr. Hrvoje Ajman	
Course title	Methodology of Physical Conditioning in Selected Sport	
Study programme	Undergraduate University Study Programme of Kinesiology	
Course status	Elective course in Sport module	
Study year	Third year	
Credit value and teaching delivery mode	ECTS student workload	6
	Number of teaching hours (L+P+S)	(15+30+30)

1. COURSE DESCRIPTION
<i>1.1 Course objectives</i>
Course objective is to acquire necessary theoretical and practical knowledge on contents, methods and methodological procedures for development of athletes' motor abilities in selected sport.
<i>1.2 Course entry requirements</i>
There are no requirements for course entry.
<i>1.3 Intended learning outcomes at the course level</i>
Students will gain necessary theoretical and practical knowledge in selected sport that will enable them to shape methodological procedures for development and maintenance of athletes' motor abilities regardless the sex, age, performance status and training experience. Students will be able to:
<ol style="list-style-type: none"> 1. choose adequate contents for development and maintenance of motor abilities in selected sport 2. choose appropriate methods for development and maintenance of motor abilities in selected sport 3. choose correct methodological procedures for development and maintenance of motor abilities in selected sport 4. choose adequate workload for development and maintenance of motor abilities in selected sport 5. form integral training exercises for development and maintenance of motor abilities in selected sport.
<i>1.4 Course content</i>
Lectures, seminars and practices:
Coordination structure and contents, methods and methodological procedures for development of all coordination manifestations in selected sport
Power structure and contents, methods and methodological procedures for development of all power dimensions in selected sport
Speed and agility structure and contents, methods and methodological procedures for development of all speed and agility dimensions in selected sport
Flexibility structure and contents, methods and methodological procedures for development of all flexibility dimensions in selected sport
Balance structure and contents, methods and methodological procedures for development of all balance dimensions in selected sport

Precision structure and contents, methods and methodological procedures for development of all precision dimensions in selected sport
 Structure of force measured by dynamometer and contents, methods and methodological procedures for development of force measured by dynamometer in selected sport
 Model and evaluate methodological procedures for acquiring and improving motor knowledge for the purpose of advancing and maintaining motor abilities in selected sport
 Differences in methodology of motor abilities training with regard to sex, age, performance status and training experience in selected sport
 Analysis of effects of different methodological procedures for development and maintenance of athletes' motor abilities in selected sport

<i>1.5 Form of teaching</i>	<input checked="" type="checkbox"/> lectures	<input type="checkbox"/> independent work
	<input checked="" type="checkbox"/> seminars and workshops	<input type="checkbox"/> multimedia and web
	<input checked="" type="checkbox"/> practices	<input type="checkbox"/> laboratory
	<input type="checkbox"/> distance teaching	<input type="checkbox"/> supervised work
	<input type="checkbox"/> field teaching	<input type="checkbox"/> other

1.6 Comments

1.7 Students' obligations

Students are obliged to attend all lectures. Students are obliged to write and publicly present a seminar paper on assigned topic and pass demonstration of contents for development of motor abilities, as a requirement for taking the written and oral part of the exam. Students have the right to be absent from lectures according to the Ordinance on studies and studying.

1.8 Monitoring³⁸ of students' performance

Lecture attendance	0.5	Student's engagement during the course		Seminar paper	0.5	Experimental work	
Written exam	1.0	Oral exam	1.5	Essay		Research	
Project		Continuous knowledge assessment	1.0	Report		Practical work	1.5
Portfolio							

1.9 Grading and evaluation of student work during the course and at the final exam

Exam consists of:
 a) presenting a seminar paper
 b) practical part
 c) theoretical part
 Practical part consists out of demonstration of contents for development of motor abilities. Demonstration of contents for development of motor abilities must be done in a manner of stabilisation training. Theoretical part is taken by way of two preliminary exams during the academic year or by way of one theoretical exam.

1.10 Compulsory reading list (valid as of the study programme proposal)

1. Sekulić, D., Metikoš, D. (2007). Osnove transformacijskih postupaka u kineziologiji. Sveučilište u Splitu, Fakultet prirodoslovno-matematičkih znanosti i kineziologije (University textbook).

1.11 Optional reading list (valid as of the study programme proposal)

1. Bompa, T. (2005). Cjelokupan trening za mlade pobjednike, Zagreb: Gopal.
 2. Jukić, I. et al. (Ed.) (2003-2021). Zbornici radova Međunarodnog znanstveno-stručnog

³⁸**IMPORTANT:** For each activity of monitoring students' performance, it is necessary to enter appropriate share of ECTS credits, so that the sum of shared ECTS credits per each activity corresponds to the total number of ECTS credits assigned to the course. Blank fields can be used for entering additional activities.

skupa: Kondicijska priprema sportaša. Zagreb: Kineziološki fakultet Sveučilišta u Zagrebu i Udruga kondicijskih trenera Hrvatske.

3. Jukić, I. (Ed.) (2003-2017). Kondicijski trening. Kineziološki fakultet Sveučilišta u Zagrebu i Udruga kondicijskih trenera Hrvatske.

4. Marković, G., & Bradić, A. (2008). Nogomet-integralni kondicijski trening.

5. Sporis, G., Jukic, I., Ostojic, S. M., & Milanovic, D. (2009). Fitness profiling in soccer: physical and physiologic characteristics of elite players. *The Journal of Strength & Conditioning Research*, 23(7), 1947-1953.

6. Ostojic, S. M., Mazic, S., & Dikic, N. (2006). Profiling in basketball: physical and physiological characteristics of elite players. *Journal of strength and Conditioning Research*, 20(4), 740.

1.12 Number of copies of required reading materials in relation to the number of students currently attending the course

<i>Title</i>	<i>Number of copies</i>	<i>Number of students</i>

1.13 Method of monitoring the quality of teaching with respect to accomplishment of learning outcomes

Monitoring the number of taken exams and exam success. Monitoring students' interest and understanding of teaching materials via survey.

General information		
Course teacher	Assist. Prof. Dr. Dražen Rastovski	
Course title	Methodology of Technical and Tactical Preparation in Selected Sport I	
Study programme	Undergraduate University Study Programme of Kinesiology	
Course status	Elective course in Sport module	
Study year	Third year	
Credit value and teaching delivery mode	ECTS student workload	5
	Number of teaching hours (L+P+S)	(15+30+15)

1. COURSE DESCRIPTION		
<i>1.1 Course objectives</i>		
To enable students for application of methodological procedures and principles in teaching and training with athletes of different age categories, during acquiring of technical and tactical elements in individual sports branches.		
<i>1.2 Course entry requirements</i>		
There are no requirements.		
<i>1.3 Intended learning outcomes at the course level</i>		
After passing the course exam, students will know how to:		
<ol style="list-style-type: none"> 1. understand sports tactics and technical preparation 2. apply sports tactics and tactical preparation 3. analyse phase structure of technical and tactical (motor) activity in sports 4. understand phases of motor (technical and tactical) learning 5. interpret teaching methods of technical and tactical (motor) knowledge 6. apply the meaning of demonstration in the process of motor learning 7. apply programme of teaching technical and tactical (motor) elements. 		
<i>1.4 Course content</i>		
Transfer of general knowledge about learning theories into the field of technical and tactical preparation in selected sport. Determining specific relationship between energy and information workload in technical and tactical training. Methodology of teaching and basic technique training. Hierarchical structure of technique elements. Order of learning technical elements. Importance and application of universal technique in selected sport. Age categories and specific requirements in training basic technique. Methodological requirements in the process of technical education (coordination complexity, dynamism, situational applicability and stylistic expressiveness). Learning simpler and more complex technical elements. Specificities of applying analytical, synthetic and situational teaching methods. Perceiving and correcting motor issues. Choice of exercises and organisation of procedures for correction of technical errors.		
<i>1.5 Form of teaching</i>	<input checked="" type="checkbox"/> lectures <input checked="" type="checkbox"/> seminars and workshops <input checked="" type="checkbox"/> practices <input checked="" type="checkbox"/> distance teaching <input type="checkbox"/> field teaching	<input checked="" type="checkbox"/> independent work <input type="checkbox"/> multimedia and web <input type="checkbox"/> laboratory <input type="checkbox"/> supervised work <input type="checkbox"/> other
<i>1.6 Comments</i>		

<i>1.7 Students' obligations</i>							
Students are obliged to attend seminars, with 20% as allowed number of lecture absences. For a larger number of absences, students must submit an excuse note (from a doctor at the Student Polyclinic or, exceptionally, an official excuse note from sports club or federation in the case of lecture absence due to 100 participations in competitions). Each student must write a seminar paper and present it in front of a group. Students have the possibility of taking the exam partially by means of three preliminary exams.							
<i>1.8 Monitoring³⁹of students' performance</i>							
Lecture attendance	x	Student's engagement during the course	x	Seminar paper		Experimental work	
Written exam	x	Oral exam	x	Essay		Research	
Project		Continuous knowledge assessment		Report		Practical work	x
Portfolio							
<i>1.9 Grading and evaluation of student work during the course and at the final exam</i>							
The final grade is based on - three preliminary exams that carry 75% of points (each carrying 25%) – seminar paper that carries 20% - oral exam with total value of 5%.							
<i>1.10 Compulsory reading list (valid as of the study programme proposal)</i>							
1. Marelić, N., Marelić, S., Đurković, T., Rešetar, T. (2008). Nastavne teme iz odbojke za osnovne škole. Zagreb: Kineziološki fakultet Sveučilišta u Zagrebu.							
2. Janković, V., Đurković, T., Rešetar, T. (2009). Uvod u specijalizaciju igračkih uloga u odbojci. Zagreb: Autorska naklada.							
3. Dujmović, P. (2006). Škola suvremenog nogometa. Zagreb: Zagrebački nogometni savez							
<i>1.11 Optional reading list (valid as of the study programme proposal)</i>							
1. Milanović, D. (2010). Teorija i metodika treninga. Primjenjena kineziologija u sportu. 2. Revised Edition. Zagreb: Kineziološki fakultet Sveučilišta u Zagrebu							
<i>1.12 Number of copies of required reading materials in relation to the number of students currently attending the course</i>							
<i>Title</i>		<i>Number of copies</i>		<i>Number of students</i>			
<i>1.13 Method of monitoring the quality of teaching with respect to accomplishment of learning outcomes</i>							
Survey for students on success of lectures and seminars.							

³⁹**IMPORTANT:** For each activity of monitoring students' performance, it is necessary to enter appropriate share of ECTS credits, so that the sum of shared ECTS credits per each activity corresponds to the total number of ECTS credits assigned to the course. Blank fields can be used for entering additional activities.

General information		
Course teacher	Assist. Prof. Dr. Ivan Segedi	
Course title	Designing of Training Programmes in Selected Sport I	
Study programme	Undergraduate University Study Programme of Kinesiology	
Course status	Elective in Sport module	
Study year	Third year	
Credit value and teaching delivery mode	ECTS student workload	5
	Number of teaching hours (L+P+S)	(30+0+30)

1. COUSE DESCRIPTION		
<i>1.1 Course objectives</i>		
To acquire necessary knowledge and information on basics of planning and programming from individual training day to Olympic cycle, and to acquire knowledge necessary for their evaluation.		
<i>1.2 Course entry requirements</i>		
There are no requirements for course entry.		
<i>1.3 Intended learning outcomes at the course level</i>		
Students will:		
<ol style="list-style-type: none"> 1. know to adapt plan and programme to different competition calendars 2. make implementation plan and programme for individual training session 3. apply information on specific competition system in planning and programming procedures 4. know structure of work register of the training process 5. evaluate effects of the applied plan and programme 		
<i>1.4 Course content</i>		
Competition calendar Developmental phases of sports fitness in annual cycle Structure and choice of exercises for individual training session Making training plans and programmes for athletes in individual cycles of sports preparation Planning and programming the cycle for tournament system of competitions Keeping a work register (record and analysis of the training process) Application of research results on effects of programmed training session		
<i>1.5 Form of teaching</i>	<input checked="" type="checkbox"/> lectures <input checked="" type="checkbox"/> seminars and workshops <input type="checkbox"/> practices <input type="checkbox"/> distance teaching <input type="checkbox"/> field teaching	<input type="checkbox"/> independent work <input type="checkbox"/> multimedia and web <input type="checkbox"/> laboratory <input type="checkbox"/> supervised work <input type="checkbox"/> other
<i>1.6 Comments</i>		
<i>1.7 Students' obligations</i>		
Attendance at lectures and practices. Writing seminar paper.		

<i>1.8 Monitoring⁴⁰ of students' performance</i>							
Lecture attendance	1	Student's engagement during the course		Seminar paper	1.5	Experimental work	
Written exam	1	Oral exam		Essay		Research	
Project		Continuous knowledge assessment	1.5	Report		Practical work	
Portfolio							
<i>1.9 Grading and evaluation of student work during the course and at the final exam</i>							
<i>1.10 Compulsory reading list (valid as of the study programme proposal)</i>							
1. Milanović, D. (2013). Teorija treninga, Kineziološki fakultet, Zagreb.							
<i>1.11 Optional reading list (valid as of the study programme proposal)</i>							
1. Sekulić, D., D. Metikoš (2007) Uvod u transformacijske postupke u kineziologiji: Udžbenici Sveučilišta u Splitu, Fakultet PMZK Split							
2. Dizdar, D. (2010). Kvantitativne metode. Kineziološki fakultet Sveučilišta u Zagrebu							
3. Physical Conditioning of Athletes proceedings							
4. Proceedings of the Summer Schools for Croatian Kinesiologists							
<i>1.12 Number of copies of required reading materials in relation to the number of students currently attending the course</i>							
<i>Title</i>			<i>Number of copies</i>		<i>Number of students</i>		
<i>1.13 Method of monitoring the quality of teaching with respect to accomplishment of learning outcomes</i>							
Uniform University Student Survey.							

⁴⁰**IMPORTANT:** For each activity of monitoring students' performance, it is necessary to enter appropriate share of ECTS credits, so that the sum of shared ECTS credits per each activity corresponds to the total number of ECTS credits assigned to the course. Blank fields can be used for entering additional activities.

General information		
Course teacher	Assist. Prof. Dr. Saša Vuk	
Course title	Measurement and Evaluation of Fitness	
Study programme	Undergraduate University Study Programme of Kinesiology	
Course status	Elective in Kinesiological Recreation and Fitness module	
Study year	Third year	
Credit value and teaching delivery mode	ECTS student workload	4
	Number of teaching hours (L+P+S)	(15+30+0)

1. COURSE DESCRIPTION		
<i>1.1 Course objectives</i>		
To present basic kinesiomeric principles of measuring and evaluating in kinesiology with special emphasis on fitness measurement and evaluation. To present theoretical and practical knowledge about organisation and implementation of laboratory and field testing of individual fitness units. To present ways of interpreting fitness test results. To present ways of determining exercise risks and risk factors in fitness measurement and evaluation.		
<i>1.2 Course entry requirements</i>		
There are no requirements for course entry.		
<i>1.3 Intended learning outcomes at the course level</i>		
After attended lectures and passed course exam, students will be able to: 1. understand basic kinesiomeric principles of fitness measurement and evaluation of healthy people 2. organise and conduct fitness testing of healthy people and interpret given test results 3. apply fitness test results in setting and achieving realistic transformational objectives 4. understand basic ways of determining exercise risks and risk factors in fitness measurement and evaluation.		
<i>1.4 Course content</i>		
Lectures and practices Kinesiomeric principles of fitness measurements and evaluation (2L) Determining risk factors in fitness measurement and evaluation and exercise risks (2L) Measurement and evaluation of morphological unit of fitness (2L+8P) Measurement and evaluation of muscular and motor unit of fitness (4L+8P) Measurement and evaluation of cardiorespiratory unit of fitness (2L+8P) Measurement and evaluation of metabolic unit of fitness (1L+2P) Interpretation of fitness measurement and evaluation results (2L+4P)		
<i>1.5 Form of teaching</i>	<input checked="" type="checkbox"/> lectures <input type="checkbox"/> seminars and workshops <input checked="" type="checkbox"/> practices <input checked="" type="checkbox"/> distance teaching <input type="checkbox"/> field teaching	<input type="checkbox"/> independent work <input checked="" type="checkbox"/> multimedia and web <input type="checkbox"/> laboratory <input type="checkbox"/> supervised work <input type="checkbox"/> other
<i>1.6 Comments</i>		
<i>1.7 Students' obligations</i>		

Regularly attending lectures, actively participating during lectures.							
<i>1.8 Monitoring⁴¹ of students' performance</i>							
Lecture attendance	1	Student's engagement during the course	1	Seminar paper		Experimental work	
Written exam	2	Oral exam		Essay		Research	
Project		Continuous knowledge assessment		Report		Practical work	
Portfolio							
<i>1.9 Grading and evaluation of student work during the course and at the final exam</i>							
Students are obliged to participate at lectures actively during the semester. Written exam carries the final grade and can be taken after attended theoretical lectures and practices.							
<i>1.10 Compulsory reading list (valid as of the study programme proposal)</i>							
<ol style="list-style-type: none"> 1. Sekulić, D., Metikoš, D. (2007). Uvod u osnovne kineziološke transformacije. Osnove transformacijskih postupaka u kineziologiji. Split: Fakultet prirodoslovno-matematičkih znanosti. 2. Mišigoj-Duraković, M. (2008). Kinantropologija - biološki aspekti vježbanja. Zagreb: Kineziološki fakultet. 							
<i>1.11 Optional reading list (valid as of the study programme proposal)</i>							
<ol style="list-style-type: none"> 1. Marković, G., Bradić, A. (2008). Nogomet – integralni kondicijski trening. Zagreb: TVZ. 2. Howley, E., Franks, B. D. (2007). Fitness Professional's Handbook, Champaign, IL., USA. 3. ACSM. (2009). ACSM's Guidelines for Exercise Testing and Prescription. Baltimore: Lippincott Williams & Wilkins. 							
<i>1.12 Number of copies of required reading materials in relation to the number of students currently attending the course</i>							
		<i>Title</i>	<i>Number of copies</i>	<i>Number of students</i>			
<i>1.13 Method of monitoring the quality of teaching with respect to accomplishment of learning outcomes</i>							
Anonymous student survey.							

⁴¹**IMPORTANT:** For each activity of monitoring students' performance, it is necessary to enter appropriate share of ECTS credits, so that the sum of shared ECTS credits per each activity corresponds to the total number of ECTS credits assigned to the course. Blank fields can be used for entering additional activities.

General information		
Course teacher	Prof. Dr. Gordana Furjan-Mandić	
Course title	Individual and Group Fitness Programmes	
Study programme	Undergraduate University Study Programme of Kinesiology	
Course status	Elective in Kinesiological Recreation and Fitness module	
Study year	Third year	
Credit value and teaching delivery mode	ECTS student workload	6
	Number of teaching hours (L+P+S)	(15+30+30)

1. COURSE DESCRIPTION
<i>1.1 Course objectives</i>
Acquiring basic and more complex structures of different fitness programmes and their practical application in group and individual fitness programmes.
<i>1.2 Course entry requirement</i>
There are no requirements for course entry.
<i>1.3 Intended learning outcome at the course level</i>
After attended lectures and passed course exam, students will be able to: 1. demonstrate correct exercises technique that are integral parts of group and individual fitness programmes 2. effectively and safely teach different types of fitness programmes to healthy people of different age, sex and physical activity level 3. understand and successfully implement contents of fitness programmes with regard to transformational process objectives of individual and group programmes 4. programme physical education class with contemporary contents of fitness programmes 5. implement contents of group and individual fitness programmes for preschool and younger school age.
<i>1.4 Course content</i>
History and kinesiological structure of contents applied in group and individual fitness programmes Application of music in group and individual fitness programmes Planning and programming fitness programmes in education, recreation and sports Work specificities of group fitness programme manager Work specificities of individual fitness programme manager History and principles of the Pilates method Theoretical and practical lectures and practices: Steps technique in classic aerobics Steps technique in step aerobics Arms movement technique in aerobics Understanding and application of music in programming group fitness programmes Acquiring verbal and nonverbal signs for leading a group Methods used in teaching choreography in aerobics Exercises for development of repetitive power Pilates technique of exercising Stretching and relaxation exercises

Contents of a training session with external workload in group and individual training Specificities of interval and circuit training sessions in fitness Basics of Nordic walking							
1.5 Form of teaching		<input checked="" type="checkbox"/> lectures <input checked="" type="checkbox"/> seminars and workshops <input checked="" type="checkbox"/> practices <input type="checkbox"/> distance teaching <input type="checkbox"/> field teaching			<input type="checkbox"/> independent work <input type="checkbox"/> multimedia and web <input type="checkbox"/> laboratory <input type="checkbox"/> supervised work <input type="checkbox"/> other		
1.6 Comments							
1.7 Students' obligations							
Exam is taken in written and practical manner. Students are obliged to attend the minimum of 70% of lectures.							
1.8 Monitoring ⁴² of students' performance							
Lecture attendance		Student's engagement during the course		Seminar paper		Experimental work	
Written exam	1.5	Oral exam		Essay		Research	
Project		Continuous knowledge assessment		Report		Practical work	3.0
Portfolio						Independent work	1.5
1.9 Grading and evaluation of student work during the course and at the final exam							
Practical knowledge assessment (two partial or one complete exam): 50%							
Written exam: 25%							
Independent work: 25%							
1.10 Compulsory reading list (valid as of the study programme proposal)							
<ol style="list-style-type: none"> Zbornik radova, 6. zagrebački sajam sporta Suvremena aerobika (1997)., Metikoš, D., Prot, F., Furjan-Mandić, G., Kristić, K., (Ed.) Zagreb: Fakultet za fizičku kulturu. Alter, M. J. (1990). Science of stretching. Champaign, Illinois: Human Kinetics Books Furjan-Mandić, G., B. Metikoš (2014). Vježbe snage u aerobici. CD-Priručnik. Zagreb: Kineziološki fakultet Sveučilišta u Zagrebu. ISBN-978-953-317-031-2. Zaletel, P., G. Furjan-Mandić (2017). Aerobika – skupinska vadba ob glasbi. Sveučilišni udžbenik. Fakulteta za šport v Ljubljani. p. 236. ISBN:978-961-6843-77-5 Siler, B., 2000. The Pilates Body. Broadway Books, New York, NY. Bompa, T.O. (2006). Periodizacija: teorija i metodologija treninga. Zagreb : Gopal. 							
1.11 Optional reading list (valid as of the study programme proposal)							
<ol style="list-style-type: none"> Cvetković, M. (2009). <i>Aerobik</i>. Novi Sad: Fakultet sporta i fizičkog vaspitanja, Univerzitet u Novom Sadu. Furjan-Mandić, G., Kondrič, M. (2005). Nordijsko hodanje - nova aktivnost u fizičkoj pripremi sportaša. Sekulić, Damir (Ed.). <i>Međunarodno znanstveno-stručno savjetovanje Sport-rekreacija-fitness, Split, 15. april 2005. Zbornik radova.</i> (p. 165-168). Split: Fakultet prirodoslovno matematičkih znanosti i odgojnih područja, Zavod za kineziologiju. Horvatin Fučkar, M., Petrovečki, R., Radaš, J., Furjan Mandić, G. (2012). Utjecaj naprednih pilates vježbi na neke dimenzije motoričkih sposobnosti. Đ. Miletić, S. Krstulović, Z. Grgantov, T. Bavčević & A. Kezić (Eds.) <i>4. Međunarodni znanstveni kongres " Suvremena kineziologija "</i> (p. 515-521), Split: Kineziološki fakultet, Sveučilišta u 							

⁴²**IMPORTANT:** For each activity of monitoring students' performance, it is necessary to enter appropriate share of ECTS credits, so that the sum of shared ECTS credits per each activity corresponds to the total number of ECTS credits assigned to the course. Blank fields can be used for entering additional activities.

Splitu.		
4. Furjan-Mandić, G., Ban, D., Medved, V., Radaš, J., Kondrič, M. (2013). Electromyographic indicators of the different abdominal muscles during abdominal exercises in aerobics. <i>World Academy of Science, Engineering and Technology</i> 76 (1146-1148), Johannesburg, South Africa.		
<i>1.12 Number of copies of required reading materials in relation to the number of students currently attending the course</i>		
<i>Title</i>	<i>Number of copies</i>	<i>Number of students</i>
<i>1.13 Method of monitoring the quality of teaching with respect to accomplishment of learning outcomes</i>		
Monitoring the number of taken exams and exam success. Monitoring students' interest and understanding of teaching materials via survey. Uniform University Student Survey.		

General information		
Course teacher	Assist. Prof. Dr. Dražen Rastovski	
Course title	Methodology of Kinesiological Recreation in Tourism	
Study programme	Undergraduate University Study Programme of Kinesiology	
Course status	Elective in Kinesiological Recreation and Fitness module	
Study year	Third year	
Credit value and teaching delivery mode	ECTS student workload	6
	Number of teaching hours (L+P+S)	(15+30+30)

1. COURSE DESCRIPTION

1.1 Course objectives

Basic course objective is to give students basic theoretical and practical knowledge in Methodology of Kinesiological Recreation in Tourism. Course objective is to familiarise students with wide range of sports and recreational activities, contents and programmes, ways (methodology) of their implementation so they can independently plan, programme, create and conduct many sports and recreational programmes.

1.2 Course entry requirements

There are no requirements, obligatory course.

1.3 Intended learning outcomes at the course level

Students will be able to:

1. apply acquired theoretical and methodological knowledge in all fields of kinesiology as well as in everyday life
2. develop cooperation with experts of other profiles and competences (doctors, psychologists, sociologists, tourism workers, economists, private entrepreneurs)
3. recognise needs of potential programme users as well as needs of tourist facilities
4. apply basic theoretical and practical knowledge for implementation of sports and recreational programmes in tourism
5. plan and implement a large number of different contents and programmes of sports recreation
6. determine and control (initially, transitively and finally) the state of the programme users as basis for selection and implementation of sports recreation contents suitable for optimisation of anthropological status.

1.4 Course content

Definition of Methodology of Kinesiological Recreation in Tourism, course objectives and tasks, systematisation of sports and recreational programmes and activity forms in tourist offer

Position and role of kinesiological recreation in contemporary notion of free time and travel (the influence of industrialisation, urbanisation and globalisation on the life of a contemporary man – positive and negative factors)

Free time industry and the position of sports, sports recreation and tourism in it, *circular flow* of humans in industrialised society, circular flow of growth, sustainable development

Definition of tourism and tourist

Overview of historical development of tourism and sports (sociological phenomena of the 20th century in the world and Croatia) and their mutual connection

Advantages and disadvantages of mass tourism from the standpoint of tourists, tourist destination and local population

Tourism factors

Motivating factors or demand factors. Objective factors of demand: population, industrialisation, urbanisation, free time, financial means. Subjective factors of demand and the necessity of introducing psychological policies into theories of tourist demand and consumption, the influence of fashion, imitation, habits, faith (religion), emotions, prestige and snobbery on the selection of specific tourist commodity

Supply factors. Natural and social attractiveness factors and possibilities of their economic valorisation. The role and importance of the communicativeness factor

Receptivity factors. Direct tourist receptive capacities. Indirect tourist receptive capacities.

Receptivity factors in a broader sense. Intermediary factors. Tourist agencies and offices

Tourism functions: health, recreational and fun, educational, cultural, political, social.

Humanistic and economic functions of tourism and their polyfunctionality

Contemporary conception of the tourist offers and selective types of tourism. The role and importance of profiling tourist offer

The role of sports recreation in development and raising of the quality of tourist offer at sea, land and mountain regions

Climatic and geographic potentials of Croatian tourism and sports recreation, development trends of sports recreation (sports and recreational tourism) in contemporary tourism

Contents of sports recreation in tourism. Types of sports and recreational programmes in tourist offer. Transitive forms of activities, definition and systematisation

Methodological, organisational, material and personnel aspects of excursion and expedition application

Methodological, organisational, material and personnel aspects of application of tours and tour movement

Methodological, organisational, material and personnel aspects of application of mountain activity forms

Methodological, organisational, material and personnel aspects of application of guided movement with tasks

Stationary forms of activity, definition and systematisation. Sports and recreational and health and preventive programmes

Methodological, organisational, material and personnel aspects of application of active weekend vacations

Methodological, organisational, material and personnel aspects of application of active annual vacations (summer/winter)

Methodological, organisational, material and personnel aspects of application of programmed active vacations

Methodological, organisational, material and personnel aspects of application of optional active vacations

Methodological, organisational, material and personnel aspects of application of medically programmed active vacations

Methodological, organisational, material and personnel aspects of application of targeted and special medically programmed active vacations

Proposition of measures for advancement of sports and recreational offer in Croatian tourism

<i>1.5 Form of teaching</i>	<input checked="" type="checkbox"/> lectures <input checked="" type="checkbox"/> seminars and workshops <input checked="" type="checkbox"/> practices <input checked="" type="checkbox"/> distance teaching <input type="checkbox"/> field teaching	<input type="checkbox"/> independent work <input type="checkbox"/> multimedia and web <input type="checkbox"/> laboratory <input type="checkbox"/> supervised work <input type="checkbox"/> other
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1.6 Comments

<i>1.7 Students' obligations</i>							
Students are obliged to attend lectures, write a seminar paper and actively participate in practices.							
<i>1.8 Monitoring⁴³of students' performance</i>							
Lecture attendance	1	Student's engagement during the course		Seminar paper	1	Experimental work	
Written exam	1	Oral exam	2	Essay		Research	
Project		Continuous knowledge assessment	1	Report		Practical work	
Portfolio							
<i>1.9 Grading and evaluation of student work during the course and at the final exam</i>							
Constant monitoring and assessment, preliminary exam, oral exam.							
<i>1.10 Compulsory reading list (valid as of the study programme proposal)</i>							
1. Andrijašević, M. (2010). Kineziološka rekreacija. Zagreb: Kineziološki fakultet Sveučilišta u Zagrebu.							
<i>1.11 Optional reading list (valid as of the study programme proposal)</i>							
<p>1. Andrijašević, M., Jurakić, D. (Ed.) (2011). Zbornik radova Međunarodne znanstveno-stručne konferencije -Sportska rekreacija u funkciji unapređenja zdravlja. Osijek: Kineziološki fakultet Sveučilišta u Zagrebu, Udruga kineziologa Grada Osijeka.</p> <p>2. Andrijašević, M. (Ed.) (2009). Zbornik radova Međunarodne znanstveno-stručne konferencije – Upravljanje slobodnim vremenom sadržajima sporta i rekreacije. Zagreb: Kineziološkifakultet Sveučilišta u Zagrebu</p> <p>3. Andrijašević, M. (Ed.) (2008). Zbornik radova Međunarodne znanstveno-stručne konferencije – Kineziološka rekreacija i kvaliteta života. Zagreb: Kineziološki fakultet Sveučilišta u Zagrebu.</p> <p>4. Trkulja Petković, D. (2009). Aktivnim odmorom brže do oporavka organizma. Belupo glasilo, 128: 14-16.</p>							
<i>1.12 Number of copies of required reading materials in relation to the number of students currently attending the course</i>							
<i>Title</i>		<i>Number of copies</i>		<i>Number of students</i>			
<i>1.13 Method of monitoring the quality of teaching with respect to accomplishment of learning outcomes</i>							
Anonymous student survey.							

⁴³**IMPORTANT:** For each activity of monitoring students' performance, it is necessary to enter appropriate share of ECTS credits, so that the sum of shared ECTS credits per each activity corresponds to the total number of ECTS credits assigned to the course. Blank fields can be used for entering additional activities.

General information		
Course teacher	Assist. Prof. Dr. Hrvoje Ajman	
Course title	Methodology of Physical Conditioning I	
Study programme	Undergraduate University Study Programme of Kinesiology	
Course status	Elective in Physical Conditioning module	
Study year	Third year	
Credit value and teaching delivery mode	ECTS student workload	6
	Number of teaching hours (L+P+S)	(15+30+30)

1. COURSE DESCRIPTION
<i>1.1 Course objectives</i>
Course objective is to acquire necessary theoretical and practical knowledge on contents, methods and methodological procedures for development of athletes' motor abilities during the process of physical conditioning.
<i>1.2 Course entry requirements</i>
There are no requirements for course entry.
<i>1.3 Intended learning outcomes at the course level</i>
Students will acquire necessary theoretical and practical knowledge that will enable them to design methodological procedures for development and maintenance of athletes' motor abilities regardless of the sex, age, performance status and training experience.
Students will be able to:
1. choose suitable contents for development and maintenance of athletes' motor abilities
2. choose appropriate methods for development and maintenance of athletes' motor abilities
3. choose the right methodological procedures for development and maintenance of athletes' motor abilities
4. choose adequate workload for development and maintenance of athletes' motor abilities
5. form integral training exercises for development and maintenance of athletes' motor abilities.
<i>1.4 Course content</i>
Coordination structure and contents, methods and methodological procedures for development of all coordination manifestations
Power structure and contents, methods and methodological procedures for development of all power dimensions
Speed and agility structure and contents, methods and methodological procedures for development of all speed and agility dimensions
Flexibility structure and contents, methods and methodological procedures for development of all flexibility dimensions
Balance structure and contents, methods and methodological procedures for development of all balance dimensions
Precision structure and contents, methods and methodological procedures for development of all precision dimensions
Structure of force measured by dynamometer and contents, methods and methodological procedures for development of force measured by dynamometer

<p>Modelling and evaluation of methodological procedures for acquiring and improving motor knowledge that improves and maintains motor abilities</p> <p>Differences in methodologies of motor abilities training with regard to sex, age, performance status and training experience</p> <p>Analysis of effects of different methodological procedures for development and maintenance of athletes' motor abilities</p>							
<i>1.5 Form of teaching</i>		<input checked="" type="checkbox"/> lectures <input checked="" type="checkbox"/> seminars and workshops <input checked="" type="checkbox"/> practices <input type="checkbox"/> distance teaching <input type="checkbox"/> field teaching			<input type="checkbox"/> independent work <input type="checkbox"/> multimedia and web <input type="checkbox"/> laboratory <input type="checkbox"/> supervised work <input type="checkbox"/> other		
<i>1.6 Comments</i>							
<i>1.7 Students' obligations</i>							
<p>Students are obliged to attend lectures. Students are obliged to write and publicly present a seminar paper on assigned topic and pass motor tests norms and demonstrate contents for development of motor abilities as a requirement for taking the written and oral parts of the exam. Students have the right to be absent from lectures according to the Ordinance on studies and studying.</p>							
<i>1.8 Monitoring⁴⁴ of students' performance</i>							
Lecture attendance	0.5	Student's engagement during the course		Seminar paper	0.5	Experimental work	
Written exam	1.0	Oral exam	1.5	Essay		Research	
Project		Continuous knowledge assessment	1.0	Report		Practical work	1.5
Portfolio							
<i>1.9 Grading and evaluation of student work during the course and at the final exam</i>							
<p>Exam consists of:</p> <p>a) presenting a seminar paper</p> <p>b) practical part</p> <p>c) theoretical part.</p> <p>Practical part consists out of norms used for evaluating levels of certain motor abilities and demonstration of contents for development of motor abilities. Students must pass all norms with the minimum required result. Norms are taken during exam pre-terms or terms. Contents for development of motor abilities must be demonstrated in a manner of stabilisation training. Theoretical part is taken by way of two preliminary exams during the academic year or by way of one theoretical exam.</p>							
<i>1.10 Compulsory reading list (valid as of the study programme proposal)</i>							
<p>1. Sekulić, D., Metikoš, D. (2007). Osnove transformacijskih postupaka u kineziologiji. Sveučilište u Splitu, Fakultet prirodoslovno-matematičkih znanosti i kineziologije (University textbook).</p>							
<i>1.11 Optional reading list (valid as of the study programme proposal)</i>							
<p>1. Bompa, T. (2005). Cjelokupan trening za mlade pobjednike, Zagreb: Gopal.</p> <p>2. Jukić, I. et al. (Eds.) (2003-2021). Zbornici radova Međunarodnog znanstveno-stručnog skupa: Kondicijska priprema sportaša. Zagreb: Kineziološki fakultet Sveučilišta u Zagrebu i</p>							

⁴⁴**IMPORTANT:** For each activity of monitoring students' performance, it is necessary to enter appropriate share of ECTS credits, so that the sum of shared ECTS credits per each activity corresponds to the total number of ECTS credits assigned to the course. Blank fields can be used for entering additional activities.

Udruga kondicijskih trenera Hrvatske.		
3. Jukić, I. (Ed.) (2003-2017). Kondicijski trening. Kineziološki fakultet Sveučilišta u Zagrebu I Udruga kondicijskih trenera Hrvatske.		
<i>1.12 Number of copies of required reading materials in relation to the number of students currently attending the course</i>		
<i>Title</i>	<i>Number of copies</i>	<i>Number of students</i>
<i>1.13 Method of monitoring the quality of teaching with respect to accomplishment of learning outcomes</i>		
Monitoring the number of taken exams and exam success. Monitoring students' interest and understanding of teaching materials via survey.		

General information		
Course teacher	Assist. Prof. Dr. Zvonimir Tomac	
Course title	Athlete Performance Diagnostics	
Study programme	Undergraduate University Study Programme of Kinesiology	
Course status	Elective in Physical Conditioning module	
Study year	Third year	
Credit value and teaching delivery mode	ECTS student workload	5
	Number of teaching hours (L+P+S)	(15+30+15)

1. COURSE DESCRIPTION		
<i>1.1 Course objectives</i>		
Basic course objective is to enable students for application of diagnostics procedures for assessment of athletes' anthropological characteristics (motor and functional abilities and morphological characteristics) in function of the highest competition efficiency.		
<i>1.2 Course entry requirements</i>		
There are no requirements for course entry, obligatory course.		
<i>1.3 Intended learning outcomes at the course level</i>		
Students will be able to: - select and implement measuring instruments and procedures for evaluation of motor abilities (coordination and agility, strength, power, stamina, flexibility, balance, precision) - select and implement measuring instruments and procedures for evaluation of functional abilities - select and implement measuring instruments and procedures for evaluation of morphological characteristics - apply instruments for knowledge assessment of technical elements in sports discipline - compare given results with model values - apply given results in designing training plan and programme.		
<i>1.4 Course content</i>		
<ol style="list-style-type: none"> 1. Basics of kinesiological diagnostics 2. Criteria for selection of test procedures in kinesiological diagnostics 3. Diagnostic procedures for evaluation of health status 4. Diagnostic procedures for evaluation of morphological and kinanthropometry measures 5. Diagnostic procedures for evaluation of motor abilities performance level 6. Diagnostic procedures for evaluation of functional energetic capacities – laboratory and field tests 7. Diagnostic procedures for evaluation of motor knowledge 8. Analysis and comparison of kinanthropometry measurements results of different entity groups 9. Entry, processing and interpretation of results obtained by using field tests 10. Diagnostic procedures for evaluation of performance status 11. Entry, processing and interpretation of results obtained by testing 12. Comparison of model values with results obtained by testing 		
<i>1.5 Form of teaching</i>	X lectures X seminars and workshops	<input type="checkbox"/> independent work <input type="checkbox"/> multimedia and web

	<input checked="" type="checkbox"/> practices <input checked="" type="checkbox"/> distance teaching <input type="checkbox"/> field teaching		<input type="checkbox"/> laboratory <input type="checkbox"/> supervised work <input type="checkbox"/> other				
<i>1.6 Comments</i>							
<i>1.7 Students' obligations</i>							
Students are obliged to attend lectures, write a seminar paper and actively participate in practices.							
<i>1.8 Monitoring⁴⁵ of students' performance</i>							
Lecture attendance	1	Student's engagement during the course	0.5	Seminar paper	0.5	Experimental work	
Written exam	1	Oral exam	1	Essay		Research	
Project		Continuous knowledge assessment	1	Report		Practical work	
Portfolio							
<i>1.9 Grading and evaluation of student work during the course and at the final exam</i>							
Continuous monitoring and assessment, preliminary exam, oral exam.							
<i>1.10 Compulsory reading list (valid as of the study programme proposal)</i>							
<i>1.11 Optional reading list (valid as of the study programme proposal)</i>							
<ol style="list-style-type: none"> Milanović, D. Dijagnostika treniranosti sportaša (1997). Zbornik radova Međunarodnog znanstveno-stručnog skupa. Kineziološki fakultet Sveučilišta u Zagrebu. Mišigoj Duraković, M. (1195). Morfološka antropometrija u sportu. Fakulteta za fizičku kulturu, Zagreb. Jukić, I. et al. (Eds.) Zbornici radova Međunarodnog znanstveno-stručnog skupa: Kondicijska priprema sportaša. Zagreb: Kineziološki fakultet Sveučilišta u Zagrebu i Udruga kondicijskih trenera Hrvatske (selected papers). 							
<i>1.12 Number of copies of required reading materials in relation to the number of students currently attending the course</i>							
<i>Title</i>		<i>Number of copies</i>		<i>Number of students</i>			
<i>1.13 Method of monitoring the quality of teaching with respect to accomplishment of learning outcomes</i>							
Anonymous student survey							

⁴⁵**IMPORTANT:** For each activity of monitoring students' performance, it is necessary to enter appropriate share of ECTS credits, so that the sum of shared ECTS credits per each activity corresponds to the total number of ECTS credits assigned to the course. Blank fields can be used for entering additional activities.

General information		
Course teacher	Assist. Prof. Dr. Nikola Foretić	
Course title	Designing of Physical Conditioning Programme I	
Study programme	Undergraduate University Study Programme of Kinesiology	
Course status	Elective in Physical Conditioning module	
Study year	Third year	
Credit value and teaching delivery mode	ECTS student workload	5
	Number of teaching hours (L+P+S)	(30+0+30)

1. COURSE DESCRIPTION		
<i>1.1 Course objectives</i>		
Course objectives are to gain basic theoretical knowledge on managing training process and fitness in athletes' physical conditioning and enable students for practical application of gained knowledge and skills.		
<i>1.2 Course entry requirements</i>		
None.		
<i>1.3 Intended learning outcomes at the course level</i>		
Students will be able to: 1. clarify basic concepts of planning and programming individual motor abilities 2. choose appropriate training exercises, equipment and aids in the training process of athletes' physical conditioning 3. make an appropriate distribution of number of exercises and their intensity in the workload of training process 4. create long-term, medium-term, annual, current and operative training plans and programmes.		
<i>1.4 Course content</i>		
No	Lecture topic:	Number of teaching hours
1	Basic principles and rules in planning and programming athletes' physical conditioning programme	2
2	Programming physical conditioning with the goal of developing and maintaining athletes' mobility and stability	3
3	Programming physical conditioning with the goal of developing and maintaining power – plyometric and ballistic training	6
4	Programming physical conditioning with the goal of developing and maintaining athletes' individual speed manifestations	5
5	Programming physical conditioning with the goal of developing and maintaining athletes' agility	6
6	Programming physical conditioning with the goal of developing and maintaining strength	6

9	Theoretical exam	2					
No	Seminar topic:	Number of teaching hours					
1	Programming physical conditioning with the goal of developing and maintaining athletes' mobility and stability	4					
2	Programming physical conditioning with the goal of developing and maintaining power – plyometric and ballistic training	6					
3	Programming physical conditioning with the goal of developing and maintaining athletes' individual speed manifestations	6					
4	Programming physical conditioning with the goal of developing and maintaining athletes' agility	6					
5	Programming physical conditioning with the goal of developing and maintaining strength	6					
6	Grading seminar paper	2					
<i>1.5 Form of teaching</i>	<input checked="" type="checkbox"/> lectures <input checked="" type="checkbox"/> seminars and workshops <input type="checkbox"/> practices <input type="checkbox"/> distance teaching <input type="checkbox"/> field teaching	<input type="checkbox"/> independent work <input type="checkbox"/> multimedia and web <input type="checkbox"/> laboratory <input type="checkbox"/> supervised work <input type="checkbox"/> other					
<i>1.6 Comments</i>							
<i>1.7 Students' obligations</i>							
Attendance at all lectures.							
<i>1.8 Monitoring⁴⁶ of students' performance</i>							
Lecture attendance	1.0	Student's engagement during the course	0.5	Seminar paper	1.5	Experimental work	
Written exam	2.0	Oral exam		Essay		Research	
Project		Continuous knowledge assessment		Report		Practical work	
Portfolio							
<i>1.9 Grading and evaluation of student work during the course and at the final exam</i>							
<p>The final grade in the course Designing of Physical Conditioning Programme I is determined on the basis of gained points in: seminar paper - (40% of the final grade) theoretical exam – (60% of the final grade).</p> <p>Seminar paper</p> <p>Students choose seminar paper topic among five offered topics or propose other topic that must be closely linked to the course content. Seminar paper is presented during lectures, according to the established schedule. Quality and presentation of seminar paper are graded.</p>							

⁴⁶**IMPORTANT:** For each activity of monitoring students' performance, it is necessary to enter appropriate share of ECTS credits, so that the sum of shared ECTS credits per each activity corresponds to the total number of ECTS credits assigned to the course. Blank fields can be used for entering additional activities.

Theoretical (written) Exam consists of five questions:

1. programming physical conditioning with the goal of developing and maintaining athletes' mobility and stability
2. programming physical conditioning with the goal of developing and maintaining power – plyometric and ballistic training
3. programming physical conditioning with the goal of developing and maintaining athletes' individual speed manifestations
4. programming physical conditioning with the goal of developing and maintaining athletes' agility
5. programming physical conditioning with the goal of developing and maintaining strength.

Answer to each question can be marked with 0, 1/4, 1/2, 3/4 or one point. Grade in written exam is calculated by adding points from all questions in the following manner:

less than 3 points – grade 1

3 points – grade 2

3.25 points – grade 2/3

3.5 points – grade 3

3.75 points – grade 3/4

4 points – grade 4

4.25 and 4.5 points – grade 4/5

4.75 and 5 points – grade 5

The final grade in the course is calculated in the following manner:

$(\text{seminar paper}) + (\text{theory}) / 2$

1.10 Compulsory reading list (valid as of the study programme proposal)

1. Teaching materials are available on the course at the Moodle platform.

1.11 Optional reading list (valid as of the study programme proposal)

1.12 Number of copies of required reading materials in relation to the number of students currently attending the course

<i>Title</i>	<i>Number of copies</i>	<i>Number of students</i>

1.13 Method of monitoring the quality of teaching with respect to accomplishment of learning outcomes

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General information		
Course teacher	Assist. Prof. Dr. Iva Šklempe Kokić	
Course title	Methodology in Kinesitherapy I	
Study programme	Undergraduate University Study Programme of Kinesiology	
Course status	Elective in Kinesitherapy module	
Study year	Third year	
Credit value and teaching delivery mode	ECTS student workload	6
	Number of teaching hours (L+P+S)	(15+30+30)

1. COURSE DESCRIPTION

1.1 Course objectives

Course objective is to enable students to conduct methodological organisational forms of work in kinesitherapy of musculoskeletal conditions and disorders and in preventive physical exercise with the possibility of choosing optimal work methods for users' actual needs. Upon completion of the course, students will be able to independently create methodological procedures in kinesitherapy for people with musculoskeletal system disorders as well as for seemingly healthy people, with the purpose of promoting health and disease prevention.

1.2 Course entry requirements

There are no requirements for course entry.

1.3 Intended learning outcomes at the course level

Upon completion of the course, student will be able to:

1. identify and analyse methodological organisational forms of work in kinesitherapy of musculoskeletal conditions and disorders
2. identify and analyse methodological organisational forms of work in preventive kinesitherapy
3. choose optimal methodological organisational forms of work with people who have musculoskeletal system disorders
4. choose optimal methodological forms of work with seemingly healthy people
5. apply previously acquired knowledge in conception of kinesitherapy plan and programme of exercising
6. evaluate effects of individual methodological forms of work in musculoskeletal and preventive kinesitherapy.

1.4 Course content

Methodological procedures in functional evaluation of people with musculoskeletal conditions and disorders. Methodological procedures of functional evaluation of seemingly healthy people. Methodology of monitoring and recording in musculoskeletal and preventive kinesitherapy.

Promotion of health and disease prevention by means of physical activity and exercise. Organisational forms of work in musculoskeletal and preventive kinesitherapy. Methodological procedures in working with people with musculoskeletal injuries, damages and deformations in the torso area.

Methodological procedures in working with people with musculoskeletal injuries, damages and deformations in the upper and lower extremities area. Methodological procedures of

working in the area of rheumatic diseases and disorders.
 Methodological procedures of working with people of old age. Specificities of working with athletes in prevention and kinesitherapy of musculoskeletal disorders. Methodological procedures of working with seemingly healthy people and methodology of preventive exercise.
 Methodological procedures in prevention of pathological aging. Methodological procedures during evaluation of kinesitherapy intervention outcomes in people with musculoskeletal conditions and disorders. Methodological procedures during evaluation of outcomes of preventive kinesitherapy procedures.

<i>1.5 Form of teaching</i>	<input checked="" type="checkbox"/> lectures	<input checked="" type="checkbox"/> independent work
	<input checked="" type="checkbox"/> seminars and workshops	<input checked="" type="checkbox"/> multimedia and web
	<input checked="" type="checkbox"/> practices	<input type="checkbox"/> laboratory
	<input checked="" type="checkbox"/> distance teaching	<input type="checkbox"/> supervised work
	<input checked="" type="checkbox"/> field teaching	<input type="checkbox"/> other

1.6 Comments

1.7 Students' obligations

Students are obliged to attend lectures regularly, participate in them actively and perform all tasks laid down in the course syllabus.

1.8 Monitoring⁴⁷ of students' performance

Lecture attendance	0.5	Student's engagement during the course	0.5	Seminar paper	1	Experimental work	
Written exam	1.5	Oral exam	1	Essay		Research	
Project		Continuous knowledge assessment	0.5	Report		Practical work	1
Portfolio							

1.9 Grading and evaluation of student work during the course and at the final exam

Students are obliged to write and present a seminar paper on assigned topic during the semester. Furthermore, students are obliged to independently prepare a preventive programme of exercises on assigned topic and present in practically during practices. These two activities carry 50% of the final grade. Written exam carries 25% of the final grade and students can take it after completing seminar paper and practical task. Oral exam carries 25% of the final grade and students can take it after successfully passing the written exam. Oral exam grade will also depend on students' active participation during lectures.

1.10 Compulsory reading list (valid as of the study programme proposal)

1. Kosinac, Z. (2008). Kineziterapija sustava za kretanje. Zagreb: Gopal d.o.o.
2. Uremović, M., Davila, S. (2018.). Rehabilitacija ozljeda lokomotornog sustava. Zagreb: Medicinska naklada.
3. Babić-Naglić, Đ. (2013.). Fizikalna i rehabilitacijska medicina. Zagreb: Medicinska naklada.
4. Mišigoj-Duraković, M. (2018.). Tjelesno vježbanje i zdravlje. Zagreb: Znanje d.d.
5. Čiliga, D., Trošt Bobić, T., Petrinović Zekan, L. (2009.). Metodčki organizacijski oblici rada u kineziterapiji. Neljak, B. (Ed.) Zbornik radova 18. ljetne škole kineziologa Republike Hrvatske „Metodčki organizacijski oblici rada u područjima edukacije, sporta, sportske rekreacije i kineziterapije“, Poreč, 2009., Zagreb: Hrvatski kineziološki savez, 29-37.

⁴⁷**IMPORTANT:** For each activity of monitoring students' performance, it is necessary to enter appropriate share of ECTS credits, so that the sum of shared ECTS credits per each activity corresponds to the total number of ECTS credits assigned to the course. Blank fields can be used for entering additional activities.

6. Ciliga, D., Petrinović Zekan, L. (2008). Stanje i perspektiva razvoja u području kineziterapije. Neljak, B. (Ed.) Zbornik radova međunarodne znanstveno-stručne konferencije 17. ljetne škole kineziologa Republike Hrvatske, Zagreb: Hrvatski kineziološki savez, 66-71.

1.11 Optional reading list (valid as of the study programme proposal)

1. Kisner, C., Allen Colby, L., Borstad, J. (2017). Therapeutic Exercise: Foundations and Techniques. 7th Edition. Philadelphia: F. A. Davis Company.
2. Brody, L., Hall, C. (2017). Therapeutic Exercise. Moving Toward Function. 4th Edition. Philadelphia: Wolters Kluwer.
3. Avers, D. A., Brown, M. (2018). Daniels and Worthingham's Muscle Testing. 10th Edition. Philadelphia: Saunders.
4. Norkin, C. C. White, D. J. (2016). Measurement of Joint Motion: A Guide to Goniometry. 5th Edition. Philadelphia: F. A. Davis Company.
5. Heimer, S. (2018.). Zdravstvena kineziologija. Zagreb: Medicinska naklada.
6. Pećina, M. et al. (2019). Sportska medicina. Zagreb: Medicinska naklada.
7. Pećina, M. et al. (2004). Ortopedija. Zagreb: Naklada Ljevak.

1.12 Number of copies of required reading materials in relation to the number of students currently attending the course

<i>Title</i>	<i>Number of copies</i>	<i>Number of students</i>
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1.13 Method of monitoring the quality of teaching with respect to accomplishment of learning outcomes

Anonymous student survey.

General information		
Course teacher	Assist. Prof. Dr. Zvonimir Tomac	
Course title	Planning and Developing of Procedures in Kinesitherapy	
Study programme	Undergraduate University Study Programme of Kinesiology	
Course status	Elective in Kinesitherapy module	
Study year	Third year	
Credit value and teaching delivery mode	ECTS student workload	5
	Number of teaching hours (L+P+S)	(30+0+30)

1. COURSE DESCRIPTION		
<i>1.1 Course objectives</i>		
Course objective is to enable students to create a plan and programme of kinesitherapy procedures in therapy for people with different diseases.		
<i>1.2 Course entry requirements</i>		
There are no requirements, obligatory course.		
<i>1.3 Intended learning outcomes</i>		
Students will be able to: 1. analyse effects of kinesitherapy procedures in rehabilitation for different diseases 2. explain and apply regularities of planning and programming kinesitherapy procedures 3. recognise and choose, based on diagnosis, kinesitherapy procedures 4. apply acquired knowledge in development of a plan and programme 5. evaluate effects of kinesitherapy procedures on different diseases.		
<i>1.4 Course content</i>		
Planning and programming of kinesitherapy procedures in: - orthopedic kinesitherapy in different postural deviations - cardiorespiratory kinesitherapy - neurological kinesitherapy - geriatric kinesitherapy and kinesitherapy for old age people - paediatric kinesitherapy - rheumatology kinesitherapy - endocrinology and kinesitherapy in internal organs diseases - other fields of applied kinesitherapy (psychiatric kinesitherapy, gynaecological and maternity kinesitherapy).		
<i>1.5 Form of teaching</i>	X lectures X seminars and workshops <input type="checkbox"/> practices X distance teaching <input type="checkbox"/> field teaching	<input type="checkbox"/> independent work <input type="checkbox"/> multimedia and web <input type="checkbox"/> laboratory <input type="checkbox"/> supervised work <input type="checkbox"/> other
<i>1.6 Comments</i>		
<i>1.7 Students' obligations</i>		
Students are obliged to attend lectures, write a seminar paper and actively participate in practices.		

<i>1.8 Monitoring⁴⁸ of students' performance</i>							
Lecture attendance	1	Student's engagement during the course		Seminar paper	1	Experimental work	
Written exam	2	Oral exam	1	Essay		Research	
Project		Continuous knowledge assessment		Report		Practical work	
Portfolio							
<i>1.9 Grading and evaluation of student work during the course and at the final exam</i>							
Constant monitoring and assessment, preliminary exam, oral exam.							
<i>1.10 Compulsory reading list (valid as of the study programme proposal)</i>							
1. Kosinac, Z. (2008). Kineziterapija sustava za kretanje. Zagreb: Gopal d.o.o.							
<i>1.11 Optional reading list (valid as of the study programme proposal)</i>							
1. Uremović, M., Davila, S. (2018). Rehabilitacija ozljeda lokomotornog sustava. Zagreb: Medicinska naklada.							
2. Babić-Naglić, Đ. (2013). Fizikalna i rehabilitacijska medicina. Zagreb: Medicinska naklada.							
3. Kosinac, Z. (2018). Posturalni problemi u djece i mladeži. Zagreb: Medicinska naklada.							
4. Kosinac, Z. (2006): Kineziterapija. Tretmani poremećaja i bolesti organa i organskih sustava. Sveučilište u Splitu. Udruga za šport i rekreaciju djece i mladeži grada Splita.							
5. Ehrman, J., Gordon, P., Visich, P., Keteyian, S. (2013). Clinical Exercise Physiology. Third Edition. IL: Human Kinetics.							
6. Lieber, R. (2010). Skeletal muscle structure, function and plasticity. The physiological basis of rehabilitation. Third edition. London: Wolters Kluwer Health/Lippincott Williams & Wilkins							
<i>1.12 Number of copies of required reading materials in relation to the number of students currently attending the course</i>							
<i>Title</i>		<i>Number of copies</i>		<i>Number of students</i>			
<i>1.13 Method of monitoring the quality of teaching with respect to accomplishment of learning outcomes</i>							
Anonymous student survey.							

⁴⁸**IMPORTANT:** For each activity of monitoring students' performance, it is necessary to enter appropriate share of ECTS credits, so that the sum of shared ECTS credits per each activity corresponds to the total number of ECTS credits assigned to the course. Blank fields can be used for entering additional activities.

General information		
Course teacher	Prof. Dr. Aleksandar Včev	
Course title	Basics of Clinical Medicine	
Study programme	Undergraduate University Study Programme of Kinesiology	
Course status	Elective in Kinesitherapy module	
Study year	Third year	
Credit value and teaching delivery mode	ECTS student workload	5
	Number of teaching hours (L+P+S)	(30+0+30)

1. COURSE DESCRIPTION		
<i>1.1 Course objectives</i>		
<p>Course objective is to teach students basics of clinical examination, recognition of symptoms and signs of diseases and their connection to different conditions and diseases.</p> <p>Students will learn to recognise clinical symptoms and signs of internal organs and organ systems diseases, central nervous system diseases and musculoskeletal system diseases.</p> <p>Students will be familiarised with pathophysiological basis of specific diseases onset and be enabled to plan kinesitherapy interventions and recommend optimal rehabilitation programme with regard to existing internal, neurological or orthopaedic comorbidities and based on gathered data in cooperation with other medical experts.</p>		
<i>1.2 Course entry requirements</i>		
There are no requirements for course entry.		
<i>1.3 Intended learning outcomes at the course level</i>		
<p>After successfully passing the exam, students will be able to:</p> <ol style="list-style-type: none"> 1. evaluate leading symptoms and signs of most significant internal organs diseases, central nervous system diseases and musculoskeletal system diseases 2. determine the influence of internal, neurological and orthopaedic comorbidities on implementation of kinesitherapy intervention 3. critically evaluate specificities of physiotherapy for internal, neurological and orthopaedic patients 4. critically analyse effects of physiotherapy process on internal, neurological and musculoskeletal disorders 5. recommend optimal rehabilitation programme with regard to internal, neurological and orthopaedic comorbidities. 		
<i>1.4 Course content</i>		
<p>Selected chapters in internal medicine: cardiology, pulmonology, gastroenterology, nephrology, endocrinology, haematology and rheumatology. Specificities of physiotherapy process of people with cardiovascular, respiratory and rheumatic diseases. Selected chapters in neurology. Neurophysiological basics in neurological physiotherapy, physiotherapeutic approach to neurological patient. Selected chapters in orthopaedics. Physiotherapy in orthopaedics. Specificities of physiotherapeutic evaluation: special test and measuring instruments for determining musculoskeletal system disorders. Basic application principles of different physiotherapeutic concepts in orthopaedics.</p>		
<i>1.5 Form of teaching</i>	<input checked="" type="checkbox"/> lectures <input checked="" type="checkbox"/> seminars and workshops	<input checked="" type="checkbox"/> independent work <input type="checkbox"/> multimedia and web

	<input type="checkbox"/> practices	<input type="checkbox"/> laboratory
	<input checked="" type="checkbox"/> distance teaching	<input type="checkbox"/> supervised work
	<input type="checkbox"/> field teaching	<input type="checkbox"/> other
<i>1.6 Comments</i>		
<i>1.7 Students' obligations</i>		
Students are obliged to attend lectures regularly, actively participate in them and perform all tasks laid down in the syllabus.		
<i>1.8 Monitoring⁴⁹ of students' performance</i>		
Lecture attendance	Student's engagement during the course	0.5 Seminar paper
Written exam	3 Oral exam	1.5 Research
Project	Continuous knowledge assessment	Report Practical work
Portfolio		
<i>1.9 Grading and evaluation of student work during the course and at the final exam</i>		
Continuous monitoring of students during lectures, taking preliminary exams and exams and writing seminar papers.		
<i>1.10 Compulsory reading list (valid as of the study programme proposal)</i>		
1. Vrhovac B, Jakšić B, Reiner Ž, Vucelić B. Interna medicina. 4 th Ed. Zagreb: Naklada Ljevak; 2008. (selected chapters)		
2. Grozdek G, Maček Z. Neurofacilitacijska terapija. Zagreb: Zdravstveno veleučilište; 2011.		
3. Filipec M et al. Fizioterapija boli. Zagreb: Quo Vadis; 2019.		
4. Krstačić G, Soldo SB. Neurokardiologija. Osijek: Medicinski fakultet, Fakultet za dentalnu medicinu i zdravstvo; 2018.		
5. Pećina M, et al. Ortopedija. Zagreb: Medicinska biblioteka; 2004.		
<i>1.11 Optional reading list (valid as of the study programme proposal)</i>		
<i>1.12 Method of monitoring the quality of teaching with respect to accomplishment of learning outcomes</i>		
Anonymous student survey.		

⁴⁹**IMPORTANT:** For each activity of monitoring students' performance, it is necessary to enter appropriate share of ECTS credits, so that the sum of shared ECTS credits per each activity corresponds to the total number of ECTS credits assigned to the course. Blank fields can be used for entering additional activities.

General information		
Course teacher	Assist. Prof. Dr. Tošo Maršić	
Course title	Kinesiological Methodology with Kinesiometry	
Study programme	Undergraduate University Study Programme of Kinesiology	
Course status	Obligatory	
Study year	Third year	
Credit value and teaching delivery mode	ECTS student workload	5
	Number of teaching hours (L+P+S)	(30+30+0)

1. COURSE DESCRIPTION		
<i>1.1 Course objective</i>		
Course objective is to familiarise students with methodology of scientific research in kinesiology and with application of methodological technologies in kinesiological practice for processing, analysis and interpretation of conducted measurements. Furthermore, objective is to enable students to validate scientific research and apply measuring instruments in the field of applied kinesiology.		
<i>1.2 Course entry requirements</i>		
There are no requirements.		
<i>1.3 Intended learning outcomes at the course level</i>		
Students will be able to: 1. more easily recognise problems in the field of applied kinesiology 2. recognise and apply measuring instruments 3. choose adequate procedures for explaining kinesiological phenomena 4. follow-up scientific papers.		
<i>1.4 Course content</i>		
About sciences and types of scientific research in general. Studying scientific literature. Concept and division of statistical methods, gathering, organising and data entry; data editing and displaying, descriptive research drafts, standard scores, tests for risk analysis, correlational research draft, experimental drafts, regression research models, factor analysis, canonical analysis, discriminant analysis, cluster analysis. Measurement, metric characteristics, construction of measuring instruments in kinesiology.		
<i>1.5 Form of teaching</i>	<input checked="" type="checkbox"/> lectures <input type="checkbox"/> seminars and workshops <input checked="" type="checkbox"/> practices <input type="checkbox"/> distance teaching <input type="checkbox"/> field teaching	<input type="checkbox"/> independent work <input type="checkbox"/> multimedia and web <input type="checkbox"/> laboratory <input type="checkbox"/> supervised work <input type="checkbox"/> other
<i>1.6 Comments</i>		
<i>1.7 Students' obligations</i>		
Students are obliged to attend practices and 70% of all lectures.		

<i>1.8 Monitoring⁵⁰ of students' performance</i>							
Lecture attendance	X	Student's engagement during the course	X	Seminar paper		Experimental work	
Written exam	X	Oral exam	X	Essay		Research	X
Project		Continuous knowledge assessment		Report		Practical work	X
Portfolio							
<i>1.9 Grading and evaluation of student work during the course and at the final exam</i>							
<p>Students are evaluated through:</p> <ul style="list-style-type: none"> - preparation and presentation of research work (30%) - oral exam 50% - lecture attendance 20%. <p>For successful mastering of course materials, students must gain minimum 60% of total number of points.</p>							
<i>1.10 Compulsory reading list (valid as of the study programme proposal)</i>							
<ol style="list-style-type: none"> 1. Mejovšek, M. (2003). Uvod u metode znanstvenog istraživanja u društvenim i humanističkim znanostima. Jastrebarsko: Naklada Slap. 2. Petz, B. (2002). Osnovne statističke metode za nematematičare. Jastrebarsko: Naklada Slap. 3. Thomas, J. R., Nelson, J. K., & Silverman, S. J. (2015). <i>Research methods in physical activity</i>. Champaign, IL: Human Kinetics 4. Dizdar, D., Maršić, T. (2000). Priručnik za korištenje programskog sustava Statistica 5.0, Zagreb: Dizidor. 							
<i>1.11 Optional reading list (valid as of the study programme proposal)</i>							
<ol style="list-style-type: none"> 1. Dizdar, D. (2006). Kvantitativne metode. Zagreb: Kineziološki fakultet. 2. Pedišić, Ž., Dizdar, D. (2010). Priručnik za kvantitativne metode. Zagreb: Kineziološki fakultet. 3. Viskić-Štalec, N. (1997). Osnove statistike i kineziometrije. In: Priručnik za sportske trenere (p. 303-356). Zagreb: Fakultet za fizičku kulturu. 							
<i>1.12 Number of copies of required reading materials in relation to the number of students currently attending the course</i>							
<i>Title</i>				<i>Number of copies</i>		<i>Number of students</i>	
<i>1.13 Method of monitoring the quality of teaching with respect to accomplishment of learning outcomes</i>							
<ul style="list-style-type: none"> - Preparation and presentation of research work (2 points) - Oral exam (3 points) 							

⁵⁰**IMPORTANT:** For each activity of monitoring students' performance, it is necessary to enter appropriate share of ECTS credits, so that the sum of shared ECTS credits per each activity corresponds to the total number of ECTS credits assigned to the course. Blank fields can be used for entering additional activities.

General information		
Course teacher	Prof. Dr. Daniela Čačić Kenjerić	
Course title	Nutrition and Physical Activity	
Study programme	Undergraduate University Study Programme of Kinesiology	
Course status	Obligatory	
Study year	Third year	
Credit value and teaching delivery mode	ECTS student workload	3
	Number of teaching hours (L+P+S)	(15+30+0)

1. COURSE DESCRIPTION

1.1 Course objectives

Knowledge on importance of macronutrients and micronutrients in nutrition of people with increased physical activity. The role of nutrition in achieving top athletic results.

1.2 Course entry requirements

There are no entry requirements, obligatory course.

1.3 Intended learning outcomes at the course level

Upon completion of the course, students will be able to:

1. name and explain principles of nutrition in increased physical activity
2. evaluate users' nutritional habits
3. calculate individual's needs for energy and macronutrients
4. conduct measurements and interpret the status of overnutrition
5. carry out evaluation of hydration status
6. devise a plan of fluid intake
7. devise a meal plan in accordance with nutritional recommendations and users' personal preferences and needs.

1.4 Course content

Basic principles of athletes' nutrition. Nutritional habits of athletes.

Athletes' energy needs.

Carbohydrate intake: adequate choice of consumption time and carbohydrate type with regard to type of sports.

The influence of training on protein needs.

Significance of fat as energy source. Minerals and vitamins in athletes' nutrition.

Fluids – dehydration and rehydration. Fluids – loss and compensation of electrolytes.

Supplements in athletes' nutrition.

Evaluation of physical activity using IPAQ questionnaire.

Evaluation of nutritional habits by using dietetic methods: general nutrition profile, 24-h dietary recall.

Evaluation of overnutrition status using anthropometric measurements.

Evaluation of overnutrition status using bioelectrical impedance.

Making a nutrition plan: calculation of users' energy needs

Making a nutrition plan: calculation of carbohydrate needs and preparation of acceptable sources list.

Making a nutrition plan: calculation of protein needs and preparation of acceptable sources list.

Making a nutrition plan: calculation of fat needs and preparation of acceptable sources list.

<p>Evaluation of fluid intake and hydration status of users. Devising strategy of fluid intake. Making a meal plan without diet restrictions. Making a meal plan with diet restrictions (personal choice). Making a meal plan with diet restrictions (allergies). Making a meal plan with diet restrictions (health problems). Making a meal plan for travelling.</p>							
<i>1.5 Form of teaching</i>		<input checked="" type="checkbox"/> lectures <input type="checkbox"/> seminars and workshops <input checked="" type="checkbox"/> practices <input checked="" type="checkbox"/> distance teaching <input type="checkbox"/> field teaching			<input type="checkbox"/> independent work <input type="checkbox"/> multimedia and web <input type="checkbox"/> laboratory <input type="checkbox"/> supervised work <input type="checkbox"/> other		
<i>1.6 Comments</i>							
<i>1.7 Students' obligations</i>							
Students are obliged to attend lectures, write a seminar paper and actively participate in practices.							
<i>1.8 Monitoring⁵¹ of students' performance</i>							
Lecture attendance		Student's engagement during the course			Seminar paper	Experimental work	
Written exam	2	Oral exam			1	Essay	Research
Project		Continuous knowledge assessment				Report	Practical work
Portfolio							
<i>1.9 Grading and evaluation of student work during the course and at the final exam</i>							
<p>Written knowledge assessment (two partial or one complete exam): 66% Oral (final) exam: 34% Forming the final grade: total number of points is 100. Points gained at the final oral exam (max. 34 points) are added to points gained through written partial assessments (or one complete written exam) (max. 66 points). Students are graded by means of absolute distribution, that is, based on their final achievement and in the manner of the following numeral grading system: A) excellent (5): 85 – 100 points, B) very good (4): 75 – 84.99 points, C) good (3): 65 – 74.99 points and D) sufficient (2): 50 – 64.99 points.</p>							
<i>1.10 Compulsory reading list (valid as of the study programme proposal)</i>							
1. Šatalić, Z.; Sorić, M.; Mišigoj Duraković, M. (2016). Sportska prehrana. Znanje, Zagreb.							
<i>1.11 Optional reading list (valid as of the study programme proposal)</i>							
1. Fink, H.H.; Mikesky, A.E.; Burgoon, L.A. (2012). Practical Applications in Sports Nutrition – 3rd ed. Jones & Bartlett Learning							
<i>1.12 Number of copies of required reading materials in relation to the number of students currently attending the course</i>							
<i>Title</i>		<i>Number of copies</i>				<i>Number of students</i>	
Šatalić, Z.; Sorić, M.; Mišigoj Duraković, M. (2016). Sportska prehrana. Znanje, Zagreb.		5 (Faculty of Education, FOOZOS in Croatian) 10 (Faculty of Food Technology, PTFOFOS in Croatian)				60	

⁵¹**IMPORTANT:** For each activity of monitoring students' performance, it is necessary to enter appropriate share of ECTS credits, so that the sum of shared ECTS credits per each activity corresponds to the total number of ECTS credits assigned to the course. Blank fields can be used for entering additional activities.

1.13 Method of monitoring the quality of teaching with respect to accomplishment of learning outcomes

Monitoring the number of taken exams and exam success. Monitoring students' interest and understanding of teaching materials via survey.

General information		
Course teacher	Jurica Lovrinčević, Lecturer	
Course title	Professional Practice	
Study programme	Undergraduate University Study Programme of Kinesiology	
Course status	Obligatory	
Study year	Third year	
Credit value and teaching delivery mode	ECTS student workload	4
	Number of teaching hours (L+P+S)	(0+60+0)

1. COURSE DESCRIPTION		
<i>1.1 Course objectives</i>		
The objective of trainer professional practice is to familiarise students with the training process in development of athletes of different age categories, that is, users' exercise in processes of sports recreation and fitness.		
<i>1.2 Course entry requirements</i>		
There are no requirements.		
<i>1.3 Intended learning outcomes at the course level</i>		
After passing the exam, students will be able to:		
1. describe conditions in which training sessions were conducted (effective usage of equipment and area)		
2. independently prepare and conduct training sessions for all age categories		
3. analyse data from individual training sessions		
4. analyse trainers' documentation and register of athletes		
5. understand tests of initial, transitive and final state of athletes' preparedness		
6. lead matches and sports competitions		
7. technically, tactically and psychologically prepare a match or a competition		
8. conduct a preparation for a match, communication in locker room during break, after the competition.		
<i>1.4 Course content</i>		
Observing training sessions, matches and other sports activities		
Conducting independent training sessions		
Organisation and programme of leading a sports team or an individual		
Daily preparation for training session, a match (hosting – visiting)		
Trainer's documentation, aids for work, writing a journal		
Area and equipment of a sports club, using equipment		
Cooperation with players, trainer, assistant trainer, parents and club management		
<i>1.5 Form of teaching</i>	<input type="checkbox"/> lectures <input type="checkbox"/> seminars and workshops <input checked="" type="checkbox"/> practices <input type="checkbox"/> distance teaching <input type="checkbox"/> field teaching	<input type="checkbox"/> independent work <input type="checkbox"/> multimedia and web <input type="checkbox"/> laboratory <input checked="" type="checkbox"/> supervised work <input type="checkbox"/> other
<i>1.6 Comments</i>		
<i>1.7 Students' obligations</i>		

1. Students independently or possibly at the recommendation of the head of the study programme arrange trainer professional practice in an individual club/centre.
2. After oral arrangement, students personally send a written application to the club/centre for conducting professional practice.
3. After the club/centre receives and positively assesses the conducting of professional practice, it issues confirmation on approval of conducting professional practice (one sentence confirmation). Confirmation must have the name of the institution, phone number and e-mail address written in header and first and last name of the mentor, with whom the head of the study programme can communicate if necessary, written in text.
4. Students personally submit the confirmation to the head of the study programme who, in return, issues Form 1 as referral for conducting trainer professional practice.
5. Students fill our Form 1 and hand it to their mentor, club/centre director or sports organisation director at the beginning of their trainer professional practice.
6. After conducting the trainer professional practice, students submit to mentor their professional practice journals containing preparations of conducted training sessions. Mentor reviews and certifies the journal with his signature and stamp of the institution in which the professional practice was conducted.
7. Students submit their certified journal to the head of the study programme who then signs in the provided section.

1.8 Monitoring⁵² of students' performance

Lecture attendance	2	Student's engagement during the course	■	Seminar paper		Experimental work	
Written exam		Oral exam		Essay		Research	
Project		Continuous knowledge assessment		Report		Practical work	4
Portfolio							

1.9 Grading and evaluation of student work during the course and at the final exam

Trainer professional practice documentation, obligatory for students, contains:

- certified confirmation on conducted trainer professional practice in a sports club, fitness or recreation in the Republic of Croatia
- report on conducted practice (up to three pages of text)
- trainer professional practice journal.

1.10 Compulsory reading list (valid as of the study programme proposal)

1. Milanović, D. Jukić, I. (Ed.) (2003). Kondicijska priprema sportaša. Zbornik radova znanstvenostručnog skupa «Kondicijska priprema sportaša», Kineziološki fakultet, Udruga kondicijskih trenera Hrvatske, Zagrebački športski savez, Zagrebački velesajam.
2. Gabrijelić, M. (1984). Osnove teorije i metodike treninga nogometaša. Skripta za trenere nogometa, Fakultet za fizičku kulturu, Zagreb.
3. Bompa, O. T. (2000). Cjelokupni trening za mlade pobjednike. HKS i UKTH, Zagreb.
4. Milanović, D. (1997). Osnove teorije treninga. In: Milanović, D. (Ed.): Priručnik za sportske trenere (p. 483-599), Fakultet za fizičku kulturu Sveučilišta u Zagrebu.

1.11 Optional reading list (valid as of the study programme proposal)

1. Bompa, O. T. (1999). Periodizacija: teorija i metodika treninga. HKS i UKTH, Zagreb.

⁵²**IMPORTANT:** For each activity of monitoring students' performance, it is necessary to enter appropriate share of ECTS credits, so that the sum of shared ECTS credits per each activity corresponds to the total number of ECTS credits assigned to the course. Blank fields can be used for entering additional activities.

1.12 Number of copies of required reading materials in relation to the number of students currently attending the course

<i>Title</i>	<i>Number of copies</i>	<i>Number of students</i>

1.13 Method of monitoring the quality of teaching with respect to accomplishment of learning outcomes

Conducting survey for students at the end of the course.

General information		
Course teacher	Assist. Prof. Dr. Marijo Baković	
Course title	Control of Training in Selected Sport	
Study programme	Undergraduate University Study Programme of Kinesiology	
Course status	Elective course in Sport module	
Study year	Third year	
Credit value and teaching delivery mode	ECTS student workload	3
	Number of teaching hours (L+P+S)	(15+15+0)

1. COURSE DESCRIPTION		
<i>1.1 Course objectives</i>		
Course objective is to acquire a high level of necessary theoretical and practical knowledge on diagnostic methods and tests for evaluation of performance status and their application in the system of sports preparation for athletes.		
<i>1.2 Course entry requirements</i>		
There are no requirements.		
<i>1.3 Intended learning outcomes at the course level</i>		
Students will:		
1. know about application of different diagnostic methods and tests that can be applied in practice		
2. implement knowledge that will, in practice, enable them selection and classification of tests for evaluation of performance status with regard to sports discipline, athletes' age and training period in systems of long-term, medium-term and short-term sports preparation; demonstrate and conduct field tests for evaluation of athletes' performance status in different sports disciplines		
3. understand and interpret laboratory tests.		
<i>1.4 Course content</i>		
Diagnostic procedures (anthropometric measures, motor tests, functional diagnostics, biomechanical diagnostics, biochemical diagnostics) and their characteristics. Usage of heart rate monitors and lactate meter in training. Psychosocial diagnostics. Application of modern technologies in training.		
Practices:		
Conducting laboratory tests and different protocols for evaluation of functional abilities.		
Conducting laboratory tests for evaluation of motor abilities.		
Conducting measurements of morphological characteristics in athletes and their analysis.		
Field tests for evaluation of functional abilities.		
Field tests for diagnostics of athletes' performance status.		
<i>1.5 Form of teaching</i>	<input checked="" type="checkbox"/> lectures <input type="checkbox"/> seminars and workshops <input checked="" type="checkbox"/> practices <input type="checkbox"/> distance teaching <input checked="" type="checkbox"/> field teaching	<input type="checkbox"/> independent work <input checked="" type="checkbox"/> multimedia and web <input checked="" type="checkbox"/> laboratory <input type="checkbox"/> supervised work <input type="checkbox"/> other
<i>1.6 Comments</i>		

<i>1.7 Students' obligations</i>							
Regular lecture attendance, active participation during lectures, practising and mastering practical elements as well as working on acquiring theoretical knowledge.							
<i>1.8 Monitoring⁵³of students' performance</i>							
Lecture attendance	0.5	Student's engagement during the course	0.5	Seminar paper		Experimental work	
Written exam	0.5	Oral exam	0.5	Essay		Research	
Project		Continuous knowledge assessment	0,5	Report		Practical work	0.5
Portfolio							
<i>1.9 Grading and evaluation of student work during the course and at the final exam</i>							
Engagement during the course – 20% Practical preliminary exams – 40% Final written exam – 30% Oral exam – 10%							
<i>1.10 Compulsory reading list (valid as of the study programme proposal)</i>							
<ol style="list-style-type: none"> 1. Babić, V. (2010). Atletika hodanja i trčanja. Zagreb: Kineziološki fakultet Sveučilišta u Zagrebu. 2. Maršić, T., Dizdar, D., Šentija, D. (2008). Osnove treninga izdržljivosti i brzine. Zagreb: Udruga "Tjelesno vježbanje i zdravlje". 3. Milanović, D., Heimer, S. (1997). Dijagnostika treniranosti sportaša. Zagreb. Fakultet za fizičku kulturu u Zagrebu. 4. Milanović, D., Hofman, E., Puhanić, V., Šnajder, V. (1986). <i>Atletika – znanstvene osnove</i>. Fakultet za fizičku kulturu Sveučilišta u Zagrebu. Zagreb 							
<i>1.11 Optional reading list (valid as of the study programme proposal)</i>							
<ol style="list-style-type: none"> 1. Kreider, R.B., Fry, A., O'Toole, M. (1998). Overtraining in sport. USA: Human Kinetics Publishers. 2. Noakes, T. (1992). Lore of running. Oxford University Press. 							
<i>1.12 Number of copies of required reading materials in relation to the number of students currently attending the course</i>							
<i>Title</i>			<i>Number of copies</i>		<i>Number of students</i>		
<i>1.13 Method of monitoring the quality of teaching with respect to accomplishment of learning outcomes</i>							
Students' input competences will be evaluated at the beginning of the course and students will be given instructions on deficiencies in their previous knowledge. Students' work will be assessed during lectures and record kept on their progress according to given monitoring elements. Evaluation of the course and teachers will be conducted at the end of lectures. Teachers will use data on achieving learning outcomes and students' progress for self-evaluation and possibly for reconstruction of lectures, methods of work and grading of students.							

⁵³**IMPORTANT:** For each activity of monitoring students' performance, it is necessary to enter appropriate share of ECTS credits, so that the sum of shared ECTS credits per each activity corresponds to the total number of ECTS credits assigned to the course. Blank fields can be used for entering additional activities.

General information		
Course teacher	Assist. Prof. Dr. Dražen Rastovski	
Course title	Methodology of Technical and Tactical Preparation in Selected Sport II	
Study programme	Undergraduate University Study Programme of Kinesiology	
Course status	Elective course in Sport module	
Study year	Third year	
Credit value and teaching delivery mode	ECTS student workload	5
	Number of teaching hours (L+P+S)	(15+30+15)

1. COURSE DESCRIPTION		
<i>1.1 Course objectives</i>		
Course objective is to enable students for application of knowledge, methodological procedures and principles in teaching and working with athletes of different age categories, during acquiring technical and tactical elements in individual sports disciplines.		
<i>1.2 Course entry requirements</i>		
There are no requirements.		
<i>1.3 Intended learning outcomes at the course level</i>		
After passing the course exam, students will know how to: 1. understand sports technique and tactical preparation 2. apply sports tactics and tactical preparation 3. analyse phase structure of technical and tactical (motor) action in sports and phases of motor (technical and tactical) learning 4. use teaching methods of technical and tactical (motor) knowledge, position of demonstration in the process of motor learning, programme of teaching technical and tactical (motor) elements.		
<i>1.4 Course content</i>		
Transfer of general knowledge on theories of learning on the field of technical and tactical preparation in selected sport. Determining specific relation between energetic and informational workload in technical and tactical training. Methodology of teaching and training basic technique. Importance and application of universal technique in selected sport. Age categories and specific requirements in training basic technique. Methodological requirements in process of technical education (coordination complexity, dynamism, situational applicability and stylistic expressiveness). Learning simpler and more complex technical elements. Specificities of applying analytical, synthetic and situational teaching methods. Perceiving and correcting motor issues. Choice of exercises and organisation of procedures for correction of technical errors.		
<i>1.5 Form of teaching</i>	<input checked="" type="checkbox"/> lectures <input checked="" type="checkbox"/> seminars and workshops <input checked="" type="checkbox"/> practices <input type="checkbox"/> distance teaching <input type="checkbox"/> field teaching	<input type="checkbox"/> independent work <input type="checkbox"/> multimedia and web <input type="checkbox"/> laboratory <input type="checkbox"/> supervised work <input type="checkbox"/> other
<i>1.6 Comments</i>		

<i>1.7 Students' obligations</i>							
Students are obliged to attend seminars, with 20% as allowed number of lecture absences. For a larger number of absences, students must submit an excuse note (from a doctor at the Student Polyclinic or, exceptionally, an official excuse note from sports club or federation in the case of lecture absence due to participation in competitions). Each student must write a seminar paper and present it in front of a group. Students have the possibility of taking the exam partially by means of three preliminary exams.							
<i>1.8 Monitoring⁵⁴of students' performance</i>							
Lecture attendance	x	Student's engagement during the course	x	Seminar paper		Experimental work	
Written exam		Oral exam		Essay		Research	
Project		Continuous knowledge assessment	x	Report		Practical work	x
Portfolio							
<i>1.9 Grading and evaluation of student work during the course and at the final exam</i>							
The final grade is based on - three preliminary exams that carry 75% of points (each carrying 25%) – seminar paper that carries 20% - oral exam with total value of 5%.							
<i>1.10 Compulsory reading list (valid as of the study programme proposal)</i>							
1. Marelić, N., Marelić, S., Đurković, T., Rešetar, T. (2008). Nastavne teme iz odbojke za osnovne škole. Zagreb: Kineziološki fakultet Sveučilišta u Zagrebu. 2. Janković, V., Đurković, T., Rešetar, T. (2009). Uvod u specijalizaciju igračkih uloga u odbojci. Zagreb: Autorska naklada. 3. Dujmović, P. (2006). Škola suvremenog nogometa. Zagreb: Zagrebački nogometni savez. 4. Foretić, N., Rogulj, N. (2009). Škola rukometa							
<i>1.11 Optional reading list (valid as of the study programme proposal)</i>							
1. Milanović, D. (2010). Teorija i metodika treninga. Primjenjena kineziologija u sportu. 2nd revised edition. Zagreb: Kineziološki fakultet Sveučilišta u Zagrebu.							
<i>1.12 Number of copies of required reading materials in relation to the number of students currently attending the course</i>							
<i>Title</i>		<i>Number of copies</i>		<i>Number of students</i>			
<i>1.13 Method of monitoring the quality of teaching with respect to accomplishment of learning outcomes</i>							
Survey for students on success of lectures and seminars.							

⁵⁴**IMPORTANT:** For each activity of monitoring students' performance, it is necessary to enter appropriate share of ECTS credits, so that the sum of shared ECTS credits per each activity corresponds to the total number of ECTS credits assigned to the course. Blank fields can be used for entering additional activities.

General information		
Course teacher	Assist. Prof. Dr. Josip Cvenić	
Course title	Designing of Training Programmes in Selected Sport II	
Study programme	Undergraduate University Study Programme of Kinesiology	
Course status	Elective course in Sport module	
Study year	Third year	
Credit value and teaching delivery mode	ECTS student workload	4
	Number of teaching hours (L+P+S)	(30+0+15)

1. COURSE DESCRIPTION

1.1 Course objectives

Mastering basic knowledge on specificities of planning and programming training programme in selected sport in accordance with specificities of periodization and competition calendar. Students will acquire necessary information about making plan and programme of training process in long-term, medium-term and short-term periods of sports preparation.

1.2 Course entry requirements

There are no requirements for course entry.

1.3 Intended learning outcomes at the course level

After mastering the course materials, students will be able to:

1. describe specificities and differences between methods of planning and programming training in selected sport
2. explain the plan and programme of work in individual phases of sports preparation
3. predict results in the process of choosing and training athletes in individual training cycle
4. explain particular example of a training plan and programme that has all elements
5. describe all phases in individual periods of an annual cycle
6. construct plans and programmes for different training cycles.

1.4 Course content

Application of general principles and rules in planning and programming training in selected sport. Managing different levels of performance status and sports fitness in multiannual and annual cycle. Determining modal characteristics of athletes of different age groups. Types of sports competitions: planning and implementation of act and performance. Periodization of multiannual cycle of sports preparation; beginning of systematic training, mature sports age, phase of the greatest athletic achievements. Specificities of planning and programming training for younger age categories in selected sport.

Plan and programme of working in a basic sports school. Plan and programme of working in a specialised sports school. Plan and programme of working on a phase of the final sports specialisation. Planning and programming training for national team selections. The Olympic cycle of training: selection of candidates and testing of training macrocycle with the calendar of competitions at the Olympics. Annual training cycle: duration of preparation period, duration of competition period. Single, double or triple periodization of an annual training cycle in selected sport. Standards and norms of total annual workload in selected sport. Making plan and programme in preparation, competition and transitive period. Specificities of organisation and implementation of training in preparation period – two, three or four phases. Competition period – one or two phases. Structure and indicators of aggregated training

workload in mesocycle. Specificities of preparation and competition mesocycle in selected sport. Mycrocycle, a training day and a training session.							
1.5 Form of teaching		<input checked="" type="checkbox"/> lectures <input checked="" type="checkbox"/> seminars and workshops <input type="checkbox"/> practices <input type="checkbox"/> distance teaching <input type="checkbox"/> field teaching			<input checked="" type="checkbox"/> independent work <input type="checkbox"/> multimedia and web <input type="checkbox"/> laboratory <input type="checkbox"/> supervised work <input type="checkbox"/> other		
1.6 Comments							
1.7 Students' obligations							
Students are obliged to write a plan and programme and attend minimum of 70% of lectures. During the course, students have the right to two partial written knowledge assessments that substitute taking the complete written part of the exam.							
1.8 Monitoring ⁵⁵ of students' performance							
Lecture attendance	0.4	Student's engagement during the course	0.4	Seminar paper	0.8	Experimental work	
Written exam	2.4	Oral exam		Essay		Research	
Project		Continuous knowledge assessment		Report		Practical work	
Portfolio							
1.9 Grading and evaluation of student work during the course and at the final exam							
Written knowledge assessment (two partial or one complete exam): 60% Plan and programme: 20% Engagement during the course: 10% Homework: 10%							
1.10 Compulsory reading list (valid as of the study programme proposal)							
1. Milanović, D. (2013). Teorija treninga. Zagreb: Kineziološki fakultet Sveučilišta u Zagrebu							
1.11 Optional reading list (valid as of the study programme proposal)							
1. Gregory Haff, G., Travis Triplett, N. (2008). Essentials of strength training and conditioning / National Strength and Conditioning Association, USA: Human Kinetics. 2. Malacko, J. (2002.) Osnove sportskog treninga. Sportska akademija, Beograd. 3. Bompá, T. (2001). Periodizacija: Teorija i metodologija treninga. Zagreb: Hrvatski košarkaški savez, Udruga Hrvatskih košarkaških trenera 4. Dick, W.F. (2002) Sports training principles. London, A & C Black							
1.12 Number of copies of required reading materials in relation to the number of students currently attending the course							
		<i>Title</i>	<i>Number of copies</i>	<i>Number of students</i>			
1.13 Method of monitoring the quality of teaching with respect to accomplishment of learning outcomes							
Monitoring the number of taken exams and exam success. Monitoring students' interest and understanding of teaching materials via survey. Uniform University Student Survey.							

⁵⁵**IMPORTANT:** For each activity of monitoring students' performance, it is necessary to enter appropriate share of ECTS credits, so that the sum of shared ECTS credits per each activity corresponds to the total number of ECTS credits assigned to the course. Blank fields can be used for entering additional activities.

General information		
Course teacher	Assist. Prof. Dr. Danijela Kuna	
Course title	Design of Training Programmes in Kinesiological Recreation	
Study programme	Undergraduate University Study Programme of Kinesiology	
Course status	Elective course in Kinesiological Recreation and Fitness module	
Study year	Third year	
Credit value and teaching delivery mode	ECTS student workload	3
	Number of teaching hours (L+P+S)	(15+0+30)

1. COURSE DESCRIPTION		
<i>1.1 Course objectives</i>		
Course objective is to enable students to plan, design and realise a programme of kinesiological recreation according to needs of different groups of people. Furthermore, the objective is to enable students for organisation and coordination of programme implementation through teamwork in the field of kinesiology.		
<i>1.2 Course entry requirements</i>		
There are no requirements.		
<i>1.3 Intended learning outcomes at the course level</i>		
With the goal of influencing specific anthropological characteristics, students will be able to: 1. gain competences of planning, programming, organising and realisation of kinesiological programmes in different working conditions with different groups of people 2. analyse interests and possibilities for implementation of sports and recreational programmes 3. apply individual and group work in implementation of transformational programmes and apply methodological regularities of scientific and research work with the function of improving kinesiological recreation.		
<i>1.4 Course content</i>		
Crucial lectures and seminars topics: Kinesiological recreation as a scientific-teaching discipline Structural analysis of contemporary recreational exercise programmes Development and role of kinesiological recreation in contemporary society Role of kinesiological recreation in different social and economic fields Scientific and research principles in kinesiological recreation Methodology of research work in kinesiological recreation Scientific and professional activity in kinesiological recreation Organisation and management in kinesiological recreation Types of services and organisation of sports recreation in practice Structure of organisation and management of sports recreation in different conditions, carriers and implementers of sports and recreational activities Monitoring and evaluation of kinesiological recreation effects		
<i>1.5 Form of teaching</i>	<input checked="" type="checkbox"/> lectures <input checked="" type="checkbox"/> seminars and workshops <input type="checkbox"/> practices	<input checked="" type="checkbox"/> independent work <input type="checkbox"/> multimedia and web <input type="checkbox"/> laboratory

	<input type="checkbox"/> distance teaching	<input type="checkbox"/> supervised work					
	<input type="checkbox"/> field teaching	<input type="checkbox"/> other					
1.6 Comments							
1.7 Students' obligations							
Regular lecture attendance and active participation during lectures.							
1.8 Monitoring ⁵⁶ of students' performance							
Lecture attendance	0.5	Student's engagement during the course	0.5	Seminar paper	0.5	Experimental work	
Written exam	0.5	Oral exam	1	Essay		Research	
Project		Continuous knowledge assessment		Report		Practical work	
Portfolio							
1.9 Grading and evaluation of student work during the course and at the final exam							
Lecture attendance and student's engagement during the course – 15%; seminar paper 15%: it carries 15 points; preliminary exam 20%: it carries 30 points and for successful mastering of the course materials, students must gain minimum of 60% (18 points) of total number of points (30). Therefore, 18 – 20 points is sufficient (2) grade, 21 – 23 points is good (3) grade, 24 – 26 is very good (4) grade and 27 – 30 points is excellent (5) grade. Oral exam – 50%.							
1.10 Compulsory reading list (valid as of the study programme proposal)							
<ol style="list-style-type: none"> Zenić, Sekulić N. (2011). <i>Kineziološka aktivnost, fitness i zdravlje</i>. Split: Kineziološki fakultet Split. Andrijašević, M. (2010). <i>Kineziološka rekreacija</i>. Zagreb: Kineziološki fakultet Zagreb. Bilić, Ž. Bonacin, D. (2007). <i>Uvod u kineziološku rekreaciju</i>. Mostar: Fakultet prirodoslovno-matematičkih i odgojnih znanosti. Andrijašević, M. (2004). Programi i sadržaji razvoja sportsko-rekreacijskog turizma u Hrvatskoj. In: Bartoluci, M. et al. (Ed.) <i>Menadžment u sportu i turizmu</i>. Zagreb: KF, EF. Andrijašević, M. (2004). Suvremeni programi sportske rekreacije, In: Bartoluci, M. (Ed.) <i>Zbornik radova međunarodnog znanstvenog skupa Sport u turizmu</i>, Zagreb. 							
1.11 Optional reading list (valid as of the study programme proposal)							
<ol style="list-style-type: none"> Kuna, D., Jenko Miholić, S. & Peršun, J. (2018). Intensifying physical education classes through the application of contemporary aerobics program. <i>Acta Kinesiologica</i>, 12(2), 45-50. Jurakić, D., Andrijašević, M., Pedišić, Ž. (2010). Osnove strategije za unapređenje tjelesne aktivnosti i zdravlja zaposlenika srednje dobi s obzirom na obilježja radnog mjesta i sklonosti ka sportsko-rekreacijskim aktivnostima. <i>Sociologija i prostor</i>, 48(1): 113-131. Andrijašević, M. (Ed.) (2009). <i>Upravljanje slobodnim vremenom sadržajima sporta i rekreacije</i>. Zagreb: Kineziološki fakultet Zagreb. Andrijašević, M. (Ed.) (2008). Kineziološka rekreacija i kvaliteta života. <i>Zbornik radova međunarodne znanstveno-stručne konferencije</i>, Kineziološki fakultet Zagreb. Andrijašević, M., Bartoluci, M. (2004). The role of wellness in contemporary tourism. <i>Acta Touristica</i>, 16(2): 125-142. Corbin, B. C., Lindsey, R., Welk, I. G., Corbin, R. W. (2002). <i>Concepts of fitness and wellness</i>. New York, USA: Mc Graw Hill Companies. 							

⁵⁶IMPORTANT: For each activity of monitoring students' performance, it is necessary to enter appropriate share of ECTS credits, so that the sum of shared ECTS credits per each activity corresponds to the total number of ECTS credits assigned to the course. Blank fields can be used for entering additional activities.

1.12 Number of copies of required reading materials in relation to the number of students currently attending the course

<i>Title</i>	<i>Number of copies</i>	<i>Number of students</i>

1.13 Method of monitoring the quality of teaching with respect to accomplishment of learning outcomes

Anonymous student survey.

General information		
Course teacher	Assist. Prof. Dr. Danijela Kuna	
Course title	Health-oriented Kinesiological Activity	
Study programme	Undergraduate University Study Programme of Kinesiology	
Course status	Elective course in Kinesiological recreation and Fitness module	
Study year	Third year	
Credit value and teaching delivery mode	ECTS student workload	3
	Number of teaching hours (L+P+S)	(15+30+15)

1. COURSE DESCRIPTION
<i>1.1 Course description</i>
Course objective is to enable students to know influences of different forms of physical exercise on specific components of health status. In addition, objective is to teach students the possibilities of applying different forms of physical exercise in specific health problems.
<i>1.2 Course entry requirements</i>
There are no requirements.
<i>1.3 Intended learning outcomes at the course level</i>
Students will be able to: 1. explain and classify mechanism of influence of physical exercise and activity on different components of health status 2. explain mechanism of influence of physical exercise on users' hormonal system and psychosocial status 3. identify exercise models that can be efficiently used to influence health status 4. recognise exercise forms that are contraindicated for specific health statuses 5. critically consider and interpret information on scientific research on the topic of influence of physical exercise on health.
<i>1.4 Course content</i>
Lecture topics will approximately cover: Physical activity, fitness and health Influence of physical activity on user's musculoskeletal and functional status Connection between physical activity and exercising with health – obesity, overweight people and cardiovascular diseases Psychosocial benefits of specific physical activities and systematic programme of exercising Health and well-being in different life-stages Hypokinesia risk factors Cancer and the immune system Physical exercise and addictions Methodological procedures and work organisation for needs of older people, people with disabilities and people with chronic conditions (diabetes, respiratory insufficiency, locomotor system diseases, high blood pressure, obesity, neurosis and similar) Application of contemporary exercise programmes for maintaining health Methods of application anti-stress programmes and principles of nutrition Scientific research on influence of physical exercise on users' health status

<i>1.5 Form of teaching</i>		<input checked="" type="checkbox"/> lectures <input checked="" type="checkbox"/> seminars and workshops <input checked="" type="checkbox"/> practices <input type="checkbox"/> distance teaching <input checked="" type="checkbox"/> field teaching	<input checked="" type="checkbox"/> independent work <input type="checkbox"/> multimedia and web <input type="checkbox"/> laboratory <input type="checkbox"/> supervised work <input type="checkbox"/> other				
<i>1.6 Comments</i>							
<i>1.7 Students' obligations</i>							
Regular lecture attendance and active participation during lectures.							
<i>1.8 Monitoring⁵⁷ of students' performance</i>							
Lecture attendance	1	Student's engagement during the course	0.5	Seminar paper	0.5	Experimental work	
Written exam	0.5	Oral exam	1	Essay		Research	
Project	0.5	Continuous knowledge assessment		Report		Practical work	
Portfolio							
<i>1.9 Grading and evaluation of student work during the course and at the final exam</i>							
Lecture attendance and student's engagement during the course – 15%; seminar paper 15%: it carries 15 points; preliminary exam 20%: it carries 30 points and for successful mastering of the course materials, students must gain minimum of 60% (18 points) of total number of points (30). Therefore, 18 – 20 points is sufficient (2) grade, 21 – 23 points is good (3) grade, 24 – 26 is very good (4) grade and 27 – 30 points is excellent (5) grade. Oral exam – 50%.							
<i>1.10 Compulsory reading list (valid as of the study programme proposal)</i>							
<ol style="list-style-type: none"> Mišigoj-Duraković M. et al. (2018). <i>Tjelesno vježbanje i zdravlje</i>. Zagreb: Kineziološki fakultet Zagreb. Zenić, Sekulić, N. (2011). <i>Kineziološka aktivnost, fitness i zdravlje</i>. Split: Kineziološki fakultet Split. Andrijašević, M. (2010). <i>Kineziološka rekreacija</i>. Zagreb: Kineziološki fakultet Zagreb. 							
<i>1.11 Optional reading list (valid as of the study programme proposal)</i>							
<ol style="list-style-type: none"> Kuna, D., Gajdoš, Kljusurić, J. & Bosanac, V. (2019). Hydration practice among athletes – design and evaluation of a questionnaire. <i>Homospoticus</i>, 21(1), 15-22. Kuna, D., Jenko Miholić, S. & Peršun, J. (2018). Intensifying physical education classes through the application of contemporary aerobics program. <i>Acta Kinesiologica</i>, 12(2), 45-50. Zenić, N., Foretić, N. Blažević, M. (2013). Nonlinear relationships between anthropometric and physical fitness variables in untrained pubescent boys. <i>Collegium Antropologicum</i>, 37 (suppl 2) 153-15. Howley, E. T., & Franks, B. D. (2007). <i>Fitness Professional's Handbook: Human Kinetics</i>. Thompson, W. R., Medicine, A. C. o. S., Gordon, N. F., & Pescatello, L. S. (2009). <i>ACSM's Guidelines for Exercise Testing and Prescription</i>: Lippincott Williams & Wilkins. Andrijašević, M. (2004). Suvremeni programi sportske rekreacije, u: Bartoluci, M. (Ed.) <i>Zbornik radova međunarodnog znanstvenog skupa Sport u turizmu</i>, Zagreb. Andrijašević, M., Bartoluci, M. (2004). The role of wellness in contemporary tourism. <i>Acta Touristica</i>, 16(2): 125-142. 							

⁵⁷**IMPORTANT:** For each activity of monitoring students' performance, it is necessary to enter appropriate share of ECTS credits, so that the sum of shared ECTS credits per each activity corresponds to the total number of ECTS credits assigned to the course. Blank fields can be used for entering additional activities.

7. Jurakić, D., Andrijašević, M., Pedišić, Ž. (2010). Osnove strategije za unapređenje tjelesne aktivnosti i zdravlja zaposlenika srednje dobi s obzirom na obilježja radnog mjesta i sklonosti ka sportsko-rekreacijskim aktivnostima. *Sociologija i prostor*, 48(1): 113-131.

1.12 Number of copies of required reading materials in relation to the number of students currently attending the course

<i>Title</i>	<i>Number of copies</i>	<i>Number of students</i>

1.13 Method of monitoring the quality of teaching with respect to accomplishment of learning outcomes

Anonymous student survey.

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General information		
Course teacher	Assist. Prof. Dr. Josip Cvenić	
Course title	Animation in Kinesiological Recreation	
Study programme	Undergraduate University Study Programme of Kinesiology	
Course status	Elective course in Kinesiological Recreation and Fitness module	
Study year	Third year	
Credit value and teaching delivery mode	ECTS student workload	4
	Number of teaching hours (L+P+S)	(30+15+0)

1. COURSE DESCRIPTION		
<i>1.1 Course objectives</i>		
The objective of this course is to familiarise students with benefits of physical exercising and purpose of animation in kinesiological recreation. Understanding different types of sports activities, anthropological characteristics and physical exercise regularities allows students to create and design sports programme with the purpose of animation in tourism.		
<i>1.2 Course entry requirements</i>		
There are no requirements.		
<i>1.3 Intended learning outcomes at the course level</i>		
Students will be able to:		
<ol style="list-style-type: none"> 1. describe the purpose of sports animation 2. conduct different sports animation programmes in different conditions of recreation 3. write sports and recreational programmes for targeted groups of users 4. demonstrate and apply contents of sports animation. 		
<i>1.4 Course content</i>		
Definition, tasks and goals of animation as a general concept. Importance of animation for purposes of recreation and in application of additional contents of sports recreation. Fields of animation application in recreation. Forms and contents of animation in recreation. Principles of animation as a form of stimulating participants in different sports and recreational activities. Animation as a factor of improving sports and recreational activities. Methodological procedures of applying animation in relation to structure of recreation users. Animation of sports recreation in tourism. The importance of animation. Possibility of animation for recreation needs within other programmes in different centres: retirement homes, kindergartens, schools, student youths, work organisations, people with disabilities, tourism and similar.		
<i>1.5 Form of teaching</i>	<input checked="" type="checkbox"/> lectures <input type="checkbox"/> seminars and workshops <input checked="" type="checkbox"/> practices <input type="checkbox"/> distance teaching <input type="checkbox"/> field teaching	<input type="checkbox"/> independent work <input type="checkbox"/> multimedia and web <input type="checkbox"/> laboratory <input type="checkbox"/> supervised work <input type="checkbox"/> other
<i>1.6 Comments</i>		
<i>1.7 Students' obligations</i>		
Students are obliged to attend the minimum 70% of total number of practices and lectures.		

During the course, students have the right to take two written partial knowledge assessments that replace taking complete written part of the exam.							
<i>1.8 Monitoring⁵⁸of students' performance</i>							
Lecture attendance	0.4	Student's engagement during the course		Seminar paper		Experimental work	
Written exam	2	Oral exam		Essay		Research	
Project	1	Continuous knowledge assessment	0.6	Report		Practical work	
Portfolio							
<i>1.9 Grading and evaluation of student work during the course and at the final exam</i>							
Written knowledge assessment (two partial or one complete exam): 60%							
Weekly animation plan: 20%							
Engagement during the course: 10%							
Homework: 10%							
<i>1.10 Compulsory reading list (valid as of the study programme proposal)</i>							
1. Andrijašević, M. (2010). Kineziološka rekreacija, Sveučilište u Zagrebu, Zagreb: Kineziološki fakultet							
<i>1.11 Optional reading list (valid as of the study programme proposal)</i>							
1. Andrijašević, M. (2000). Slobodno vrijeme i igra. Zbornik radova 9. zagrebački sajam sporta i nautike, Zagrebački velesajam, Zagreb : Fakultet za fizičku kulturu, 2000. (Zagreb : Tiskara Impress).							
2. Andrijašević M., Bartoluci M., Cetinski V., Čepelak R., Fox J., Ivanišević G., Jadrešić V., Keros P., Peršić M. i R. Ravkin (1999). Animacija u hotelijersko-turističkoj ponudi, Hrvatska udruga hotelijera i restoratera, Voločansko grafičko poduzeće, Opatija							
3. Mišigoj-Duraković, M. (1999). Tjelesno vježbanje i zdravlje, Fakultet za fizičku kulturu, Zagreb: Grafos							
<i>1.12 Number of copies of required reading materials in relation to the number of students currently attending the course</i>							
		<i>Title</i>	<i>Number of copies</i>	<i>Number of students</i>			
<i>1.13 Method of monitoring the quality of teaching with respect to accomplishment of learning outcomes</i>							

⁵⁸**IMPORTANT:** For each activity of monitoring students' performance, it is necessary to enter appropriate share of ECTS credits, so that the sum of shared ECTS credits per each activity corresponds to the total number of ECTS credits assigned to the course. Blank fields can be used for entering additional activities.

General information		
Course teacher	Assist. Prof. Dr. Marijo Baković	
Course title	Athlete Training Control	
Study programme	Undergraduate University Study Programme of Kinesiology	
Course status	Elective course in Physical Conditioning module	
Study year	Third year	
Credit value and teaching delivery mode	ECTS student workload	3
	Number of teaching hours (L+P+S)	(15+ 15 +0)

1. COURSE DESCRIPTION
<i>1.1 Course objectives</i>
Course objective is to acquire high level of necessary theoretical and practical knowledge on different diagnostic methods and tests for evaluation of performance status and their application in the system of athletes' sports preparation.
<i>1.2 Course entry requirements</i>
Previously attended lectures in obligatory courses in Physical Conditioning module from the first and second study year.
<i>1.3 Intended learning outcomes at the course level</i>
Students will: 1. know about application of different diagnostic procedures and tests that can be applied in practice 2. acquire knowledge that will enable them selection and classification of tests for evaluation of performance status regardless the sport, specific position in sports, age and training period in systems of long-term, medium-term and short-term sports preparation 3. demonstrate and conduct field tests for evaluation of athletes' performance status in different sports 4. understand and interpret laboratory tests.
<i>1.4 Course content</i>
Theoretical lectures: Diagnostic procedures and their characteristics: <ul style="list-style-type: none"> • anthropometric measures (2 L) • motor tests (2 L) • functional diagnostics (2 L) • biomechanical and biochemical diagnostics (2 L) Usage of heart rate monitors and lactate meter in athletes' physical conditioning (2 L) Psychosocial diagnostics (2 L) Application of modern technologies in athletes' physical conditioning (3 L) Practices: Implementation of laboratory tests and different protocols for evaluation of athletes' functional abilities (2 P) Implementation of laboratory tests for evaluation of athletes' motor abilities (3 P) Implementation of morphological characteristics measurements and their analysis (1 P) Field tests for evaluation of athletes' functional abilities (3 P)

Field tests for athletes' speed and agility diagnostics (2 P)							
Field tests for athletes' explosive strength diagnostics (3 P)							
Field tests for athletes' flexibility diagnostics (1 P)							
1.5 Form of teaching		<input checked="" type="checkbox"/> lectures		<input type="checkbox"/> independent work			
		<input type="checkbox"/> seminars and workshops		<input checked="" type="checkbox"/> multimedia and web			
		<input checked="" type="checkbox"/> practices		<input checked="" type="checkbox"/> laboratory			
		<input type="checkbox"/> distance teaching		<input type="checkbox"/> supervised work			
		<input checked="" type="checkbox"/> field teaching		<input type="checkbox"/> other			
1.6 Comments							
1.7 Students' obligations							
Regular lecture attendance, active participation during lectures, practicing and mastering practical elements as well as working on acquiring theoretical knowledge.							
1.8 Monitoring ⁵⁹ of students' performance							
Lecture attendance	0.5	Student's engagement during the course	0.5	Seminar paper		Experimental work	
Written exam	0.5	Oral exam	0.5	Essay		Research	
Project		Continuous knowledge assessment	0.5	Report		Practical work	0.5
Portfolio							
1.9 Grading and evaluation of student work during the course and at the final exam							
Engagement during the course – 20%							
Practical preliminary exams – 40%							
Final written exam – 30%							
Oral exam – 10%							
1.10 Compulsory reading list (valid as of the study programme proposal)							
1. Maršić, T., Dizdar, D., Šentija, D. (2008). Osnove treninga izdržljivosti i brzine. Zagreb: Udruga "Tjelesno vježbanje i zdravlje".							
2. Milanović, D., Heimer, S. (1997). Dijagnostika treniranosti sportaša. Zagreb. Fakultet za fizičku kulturu u Zagrebu.							
1.11 Optional reading list (valid as of the study programme proposal)							
1. Kreider, R.B., Fry, A., O'Toole, M. (1998). Overtraining in sport. USA: Human Kinetics Publishers.							
2. Noakes, T. (1992). Lore of running. Oxford University Press.							
1.12 Number of copies of required reading materials in relation to the number of students currently attending the course							
Title		Number of copies		Number of students			

⁵⁹**IMPORTANT:** For each activity of monitoring students' performance, it is necessary to enter appropriate share of ECTS credits, so that the sum of shared ECTS credits per each activity corresponds to the total number of ECTS credits assigned to the course. Blank fields can be used for entering additional activities.

1.13 Method of monitoring the quality of teaching with respect to accomplishment of learning outcomes

Students' input competences will be evaluated at the beginning of the course and students will be given instructions on deficiencies in their previous knowledge. Students' work will be assessed during lectures and record kept on their progress according to given monitoring elements. Evaluation of the course and teachers will be conducted at the end of lectures. Teachers will use data on achieving learning outcomes and students' progress for self-evaluation and possibly for reconstruction of lectures, methods of work and grading of students.

General information		
Course teacher	Assist. Prof. Dr. Dražen Rastovski	
Course title	Methodology of Physical Conditioning II	
Study programme	Undergraduate University Study Programme of Kinesiology	
Course status	Obligatory	
Study year	Third year	
Credit value and teaching delivery mode	ECTS student workload	5
	Number of teaching hours (L+P+S)	(15+30+15)

1. COURSE OBJECTIVES		
<i>1.1 Course objectives</i>		
Course objective is to enable students for acquiring knowledge about methodological procedures for development of motor and functional abilities and morphological characteristics of athletes in individual sports branches.		
<i>1.2 Course entry requirements</i>		
There are no requirements.		
<i>1.3 Intended learning outcomes</i>		
<ol style="list-style-type: none"> 1. Knowledge on historical development, organisation and structure of athletes' physical conditioning 2. Classification and application of physical conditioning contents in training process 3. Knowledge on influence of performance status components on implementation of contents of physical conditioning and knowledge on influence of different physical conditioning contents on athletes' performance status components 4. Application of different methodological procedures for development and maintenance of athletes' physical conditioning 5. Knowledge on development and maintenance of basic physical conditioning properties in different groups of younger age 6. Based on this information, trainer will be able to methodologically design procedures within basic physical conditioning for children and younger athletes 7. Making plan and programme of physical conditioning in different training periods and control of athletes' performance status 		
<i>1.4 Course content</i>		
Methodological procedures for development and maintenance of different types of power, stamina, speed, mobility and coordination. Methodological procedures for development and maintenance of aerobic and anaerobic abilities.		
<i>1.5 Form of teaching</i>	<input checked="" type="checkbox"/> lectures <input checked="" type="checkbox"/> seminars and workshops <input checked="" type="checkbox"/> practices <input type="checkbox"/> distance teaching <input type="checkbox"/> field teaching	<input type="checkbox"/> independent work <input type="checkbox"/> multimedia and web <input type="checkbox"/> laboratory <input type="checkbox"/> supervised work <input type="checkbox"/> other
<i>1.6 Comments</i>		
<i>1.7 Students' obligations</i>		

Students are obliged to attend seminars, with 20% as allowed number of lecture absences. For a larger number of absences, students must submit an excuse note (from a doctor at the Student Polyclinic or, exceptionally, an official excuse note from sports club or federation in the case of lecture absence due to participation in competitions). Each student must write a seminar paper and present it in front of a group. Students have the possibility of taking the exam partially by means of three preliminary exams.

1.8 Monitoring⁶⁰ of students' performance

Lecture attendance	x	Student's engagement during the course	x	Seminar paper		Experimental work	
Written exam		Oral exam		Essay		Research	
Project		Continuous knowledge assessment	x	Report		Practical work	x
Portfolio							

1.9 Grading and evaluation of student work during the course and at the final exam

The final grade is based on - three preliminary exams that carry 75% of points (each carrying 25%) – seminar paper that carries 20% - oral exam with total value of 5%.

1.10 Compulsory reading list (valid as of the study programme proposal)

1. Milanović, D., Jukić, I. (Ed.) (2003). Kondicijska priprema sportaša. Zbornik radova međunarodnog znanstveno-stručnog skupa, Zagreb 21-22.02.2003. Kineziološki fakultet Sveučilišta u Zagrebu i Zagrebački sportski savez
1. Jukić, I., Milanović, D. (Ed.) (2004). Kondicijska priprema sportaša, Zbornik radova međunarodnog znanstveno-stručnog skupa, Zagreb, 27-28.02.2004. Kineziološki fakultet Sveučilišta u Zagrebu, Zagrebački sportski savez i Udruga kondicijskih trenera Hrvatske.
3. Jukić, D. Milanović i S. Šimek (Ed.) (2005) Kondicijska priprema sportaša: zbornik radova 3. Međunarodne godišnje konferencije, Zagreb, 25-26.02.2005. Kineziološki fakultet Sveučilišta u Zagrebu, Zagrebački sportski savez i Udruga kondicijskih trenera Hrvatske
4. Beachle, T.R., R.W. Earle (2000). Essentials of Strength and Conditioning. (2nd ed.). Champaign, Ill:Human Kinetics.
5. Bompa, T.O. (2000). Periodization. Theory and Methodology of Training. Champaign, Ill:Human Kinetics.

1.11 Compulsory reading list (valid as of the study programme proposal)

1. Siff, M. (2000). Supertraining. Denver, USA.
2. Foran, B. (2001). High Performance Sports Conditioning. Human Kinetics, USA.
3. Ackland, J. (2003). Endurance Training. The Complete Guide to Endurance Training. A & C Black, London

1.12 Number of copies of required reading materials in relation to the number of students currently attending the course

<i>Title</i>	<i>Number of copies</i>	<i>Number of students</i>

1.13 Method of monitoring the quality of teaching with respect to accomplishment of learning outcomes

Survey for students on success of lectures and seminars.

⁶⁰**IMPORTANT:** For each activity of monitoring students' performance, it is necessary to enter appropriate share of ECTS credits, so that the sum of shared ECTS credits per each activity corresponds to the total number of ECTS credits assigned to the course. Blank fields can be used for entering additional activities.

General information		
Course teacher	Assoc. Prof. Dr. Frane Žuvela	
Course title	Designing of Physical Conditioning Programme II	
Study programme	Undergraduate University Study Programme of Kinesiology	
Course status	Elective in Physical Conditioning module	
Study year	Third year	
Credit value and teaching delivery mode	ECTS student workload	4
	Number of teaching hours (L+P+S)	(30+0+15)

1. COURSE DESCRIPTION																	
<i>1.1 Course objectives</i>																	
Course objectives are to acquire basic theoretical knowledge about managing training process and sports fitness in athletes' physical conditioning and to enable students for application of acquired knowledge and skills in practice.																	
<i>1.2 Course entry requirements</i>																	
None.																	
<i>1.3 Intended learning outcomes at the course level</i>																	
To clarify basic concepts of planning and programming specific functional abilities To select adequate distribution of exercise number and intensity in training process of team and individual sports Analyse the possibility of managing sports fitness in preparation, competition and transitive period in individual sports activities To implement training process control in relation to changes in anthropological status, indicators of situational effectiveness and athletes' competitive performance To create long-term, medium-term and short-term plans and programmes in individual sports																	
<i>1.4 Course content</i>																	
<table border="1"> <thead> <tr> <th>No</th> <th>Lecture topic:</th> <th>Number of teaching hours</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Programming physical conditioning with the goal of developing and maintaining functional abilities in sports</td> <td>10</td> </tr> <tr> <td>2</td> <td>Programming physical conditioning in team sports</td> <td>14</td> </tr> <tr> <td>3</td> <td>Programming physical conditioning in individual sports</td> <td>5</td> </tr> <tr> <td>4</td> <td>Theoretical exam</td> <td>1</td> </tr> </tbody> </table>			No	Lecture topic:	Number of teaching hours	1	Programming physical conditioning with the goal of developing and maintaining functional abilities in sports	10	2	Programming physical conditioning in team sports	14	3	Programming physical conditioning in individual sports	5	4	Theoretical exam	1
No	Lecture topic:	Number of teaching hours															
1	Programming physical conditioning with the goal of developing and maintaining functional abilities in sports	10															
2	Programming physical conditioning in team sports	14															
3	Programming physical conditioning in individual sports	5															
4	Theoretical exam	1															
<table border="1"> <thead> <tr> <th>No</th> <th>Seminar topic:</th> <th>Number of teaching hours</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Programming physical conditioning with the goal of developing and maintaining functional abilities in sports</td> <td>5</td> </tr> </tbody> </table>			No	Seminar topic:	Number of teaching hours	1	Programming physical conditioning with the goal of developing and maintaining functional abilities in sports	5									
No	Seminar topic:	Number of teaching hours															
1	Programming physical conditioning with the goal of developing and maintaining functional abilities in sports	5															

2	Programming physical conditioning in team sports		6			
3	Programming physical conditioning in individual sports		2			
4	Grading seminar paper		2			
<i>1.5 Form of teaching</i>		<input checked="" type="checkbox"/> lectures <input checked="" type="checkbox"/> seminars and workshops <input type="checkbox"/> practices <input type="checkbox"/> distance teaching <input type="checkbox"/> field teaching	<input type="checkbox"/> independent work <input type="checkbox"/> multimedia and web <input type="checkbox"/> laboratory <input type="checkbox"/> supervised work <input type="checkbox"/> other			
<i>1.6 Comments</i>						
<i>1.7 Students' obligations</i>						
Lecture attendance.						
<i>1.8 Monitoring⁶¹ of students' performance</i>						
Lecture attendance	0.5	Student's engagement during the course	0.5	Seminar paper	1.0	Experimental work
Written exam	2.0	Oral exam		Essay		Research
Project		Continuous knowledge assessment		Report		Practical work
Portfolio						
<i>1.9 Grading and evaluation of student work during the course and at the final exam</i>						
<p>The final grade in the course Designing of Physical Conditioning Programme II is determined on the basis of gained points from: seminar paper - (40% of the final grade) theoretical exam – (60% of the final grade).</p> <p>Seminar paper Students choose seminar paper topic among three offered topics or propose other topic that must be closely linked to the course content. Seminar paper is presented during lectures, according to the established schedule. Quality and presentation of the seminar paper are graded.</p> <p>Theoretical (written) Exam consists of five questions: 1. programming physical conditioning with the goal of developing and maintaining aerobic abilities 2. programming physical conditioning with the goal of developing and maintaining anaerobic abilities 3. programming physical conditioning in a team sport 1 4. programming physical conditioning in a team sport 2 5. programming physical conditioning in individual sports.</p> <p>Answer to each question can be marked with 0, 1/4, 1/2, 3/4 or one point. Grade in written exam is calculated by adding points from all questions in the following manner: less than 3 points – grade 1</p>						

⁶¹**IMPORTANT:** For each activity of monitoring students' performance, it is necessary to enter appropriate share of ECTS credits, so that the sum of shared ECTS credits per each activity corresponds to the total number of ECTS credits assigned to the course. Blank fields can be used for entering additional activities.

<p>3 points – grade 2 3.25 points – grade 2/3 3.5 points – grade 3 3.75 points – grade 3/4 4 points – grade 4 4.25 and 4.5 points – grade 4/5 4.75 and 5 points – grade 5 The final grade in the course is calculated in the following manner: (seminar paper) + (theory) / 2</p>		
<p><i>1.10 Compulsory reading list (valid as of the study programme proposal)</i></p>		
<p>1. Carol C. Kuhlthau, Leslie K. Maniotes, Ann K. Caspari (2019). Vođeno istraživačko učenje – što je to? Zagreb. Školska knjiga. 2. Konrad Paul Liessmann (2019). Obrazovanje kao izazov. Zagreb. Školska knjiga. 3. Matijević, M., Bilić, V., Opić, S. (2016). Pedagogija za učitelje i nastavnike. Zagreb. Školska knjiga.</p>		
<p><i>1.11 Optional reading list (valid as of the study programme proposal)</i></p>		
<p><i>1.12 Number of copies of required reading materials in relation to the number of students currently attending the course</i></p>		
<i>Title</i>	<i>Number of copies</i>	<i>Number of students</i>
<p><i>1.13 Method of monitoring the quality of teaching with respect to accomplishment of learning outcomes</i></p>		

General information		
Course teacher	Assist. Prof. Dr. Iva Šklempe Kokić	
Course title	Functional Diagnostics	
Study programme	Undergraduate University Study Programme of Kinesiology	
Course status	Elective in Kinesitherapy module	
Study year	Third year	
Credit value and teaching delivery mode	ECTS student workload	3
	Number of teaching hours (L+P+S)	(15+15+0)

1. COURSE DESCRIPTION		
<i>1.1 Course objectives</i>		
Course objective is to acquire basic knowledge on functional diagnostics in kinesitherapy, that is, to gain competences for conducting and interpreting most common functional tests used in kinesitherapy.		
<i>1.2 Course entry requirements</i>		
There are no requirements for course entry.		
<i>1.3 Intended learning outcomes at the course level</i>		
Upon completion of the course, students will be able to:		
<ol style="list-style-type: none"> 1. evaluate methods of functional diagnostics in kinesitherapy 2. choose proper functional and diagnostic tests for testing specific abilities 3. properly conduct most common functional tests used in kinesitherapy 4. interpret results of diagnostic tests in kinesitherapy 5. recognise possible environmental effects and other factors on results of functional tests 6. critically assess new methods of functional testing 		
<i>1.4 Course content</i>		
Principles and procedures in applying functional tests in kinesitherapy and rehabilitation. Testing initial and transitive states of people of different age and health status. Principles of conducting and interpreting functional motor tests. Basics of conducting and interpreting biomechanical tests in context of kinesitherapy. Analysis of posture and balance. Static and dynamic stabilometry. Analysis of walking and running: using kinematics methods for measuring space-time parameters of walking and running. Kinematics analysis of normal and pathological movement. Electrogoniometry. Electro-optical systems. Kinetic measurements of people's movement. Basics of electromyography and electrophysiological methods in kinesiology. Analysis of muscular activity in movement. Analysis of body structure and conducting measurement for determining body dimensions and structure. Field and laboratory tests for determining aerobic and anaerobic abilities.		
<i>1.5 Form of teaching</i>	<input checked="" type="checkbox"/> lectures <input type="checkbox"/> seminars and workshops <input checked="" type="checkbox"/> practices <input checked="" type="checkbox"/> distance teaching <input checked="" type="checkbox"/> field teaching	<input type="checkbox"/> independent work <input checked="" type="checkbox"/> multimedia and web <input checked="" type="checkbox"/> laboratory <input type="checkbox"/> supervised work <input type="checkbox"/> other
<i>1.6 Comments</i>		
<i>1.7 Students' obligations</i>		

Students are obliged to attend lectures regularly, participate in them actively and perform all tasks laid down in the course syllabus.

1.8 Monitoring⁶²of students' performance

Lecture attendance	0.5	Student's engagement during the course	1	Seminar paper		Experimental work	
Written exam	1	Oral exam	0.5	Essay		Research	
Project		Continuous knowledge assessment		Report		Practical work	
Portfolio							

1.9 Grading and evaluation of student work during the course and at the final exam

During the semester, students are obliged to prepare and conduct all functional tests performed at practices and pass practical exam. This activity carries 33% of the final grade. Written exam carries 33% of the final grade and students can take it after passing practical exam. Oral exam carries 34% of the final grade and students can take it after passing written exam. Oral exam grade will also depend on students' engagement during lectures.

1.10 Compulsory reading list (valid as of the study programme proposal)

1. Reiman, M. P., Manske, R. C. (2009). Functional Testing in Human Performance. 1st Edition. Champaign: Human Kinetics.
2. Kosinac, Z. (2008). Kineziterapija sustava za kretanje. Zagreb: Gopal d.o.o.
3. Ciliga, D., Trošt Bobić, T., Petrinović Zekan, L. (2011). Dijagnostika u kineziterapiji. In: Findak, V. (Ed.) Zbornik radova 20. ljetne škole kineziologa Republike Hrvatske „Dijagnostika u područjima edukacije, sporta, sportske rekreacije i kineziterapije“, Poreč, 2011., Zagreb: Hrvatski kineziološki savez p. 58-63.

1.11 Optional reading list (valid as of the study programme proposal)

1. Riebe, D., Ehrman, J. K., Ligouri, G., Magal, M. American College of Sports medicine (2017.). ACSM's Guidelines for Exercise Testing and Prescription. 10th Edition. Philadelphia: Wolters Kluwer.
2. Haff, G. G., Dumke, C. (2018). Laboratory Manual for Exercise Physiology. 2nd Edition. Champaign: Human Kinetics.
3. Gibson, A. L., Wagner, D. R., Heyward, V. H. (2018). Advanced Fitness Assessment and Exercise Prescription. 8th Edition. Champaign: Human Kinetics.

1.12 Number of copies of required reading materials in relation to the number of students currently attending the course

Title	Number of copies	Number of students

1.13 Method of monitoring the quality of teaching with respect to accomplishment of learning outcomes

Anonymous student survey.

⁶²**IMPORTANT:** For each activity of monitoring students' performance, it is necessary to enter appropriate share of ECTS credits, so that the sum of shared ECTS credits per each activity corresponds to the total number of ECTS credits assigned to the course. Blank fields can be used for entering additional activities.

General information		
Course teacher	Assist. Prof. Dr. Iva Šklempe Kokić	
Course title	Methodology in Kinesitherapy II	
Study programme	Undergraduate University Study Programme of Kinesiology	
Course status	Elective in Kinesitherapy module	
Study year	Third year	
Credit value and teaching delivery mode	ECTS student workload	5
	Number of teaching hours (L+P+S)	(15+30+15)

1. COURSE DESCRIPTION
<i>1.1 Course objectives</i>
Course objective is to enable students for conducting methodological and organisational forms of work in kinesitherapy for people with neurological and internal organs diseases. Furthermore, objective is to enable students to understand basic postulates about locomotor system insufficiencies in children of pre-school and school age. By mastering the course content, students will be able to independently create methodological kinesitherapy procedures for people suffering from neurological and internal diseases as well as for children of pre-school and school age with locomotor system insufficiencies and diseases that influence sensorimotor development.
<i>1.2 Course entry requirements</i>
There are no requirements for course entry.
<i>1.3 Intended learning outcomes at the course level</i>
Upon completion of the course, students will be able to: 1. identify and analyse methodological and organisational forms of work in kinesitherapy of neurological and internal organs diseases 2. identify and analyse methodological and organisational forms of work in kinesitherapy of locomotor system insufficiencies in children and diseases that influence children's sensorimotor development 3. choose optimal methodological and organisational forms of work with people suffering from neurological and internal diseases 4. choose optimal methodological and organisational forms of work with children of pre-school and school age whose normal growth and development is endangered 5. apply previously acquired knowledge in designing kinesitherapy plan and programme of exercising 6. evaluate effects of specific methodological and organisational forms of work in kinesitherapy of neurological and internal diseases as well as in children of pre-school and school age.
<i>1.4 Course content</i>
Methodological procedures in functional evaluation of people with neurological and internal organs diseases. Methodological procedures of functional evaluation of children. Methodology of monitoring and recording in kinesitherapy of neurological and internal organs diseases. Organisational forms of work in kinesitherapy of neurological and internal organs diseases. Methodological procedures in working with people suffering from multiple sclerosis, myasthenia gravis, extrapyramidal disorders and people recovering from

cerebrovascular accident, traumatic brain or spinal cord injuries and other neurological diseases and disorders for which the use of kinesitherapy is appropriate. Methodological procedures in working with people suffering from cardiorespiratory and endocrine systems diseases and from other internal organs diseases and disorders for which the use of kinesitherapy is appropriate. Methodological procedures of working with obese people and those suffering from diabetes. Specificities of working with athletes suffering from asthma and diabetes. Methodological procedures in neurodevelopmental disorders, neuromuscular diseases, orthopaedic diseases and children's diseases. Specificities of implementing kinesitherapy for children. Preventive kinesitherapy for children. Methodology of inclusion and integration of children with developmental disorders. Methodological procedures during evaluation of kinesitherapy intervention outcome in people with neurological and internal organs diseases.

1.5 Form of teaching	<input checked="" type="checkbox"/> lectures	<input checked="" type="checkbox"/> independent work
	<input checked="" type="checkbox"/> seminars and workshops	<input checked="" type="checkbox"/> multimedia and web
	<input checked="" type="checkbox"/> practices	<input type="checkbox"/> laboratory
	<input checked="" type="checkbox"/> distance teaching	<input type="checkbox"/> supervised work
	<input checked="" type="checkbox"/> field teaching	<input type="checkbox"/> other

1.6 Comments

1.7 Students' obligations

Students are obliged to attend lectures regularly, participate in them actively and perform all tasks laid down in the course syllabus.

1.8 Monitoring⁶³ of students' performance

Lecture attendance	0.5	Student's engagement during the course	0.5	Seminar paper	0.5	Experimental work	
Written exam	1.5	Oral exam	1	Essay		Research	
Project		Continuous knowledge assessment		Report		Practical work	1
Portfolio							

1.9 Grading and evaluation of student work during the course and at the final exam

During the semester, students are obliged to write and present a seminar paper on assigned topic. Furthermore, students are obliged to independently prepare a preventive exercise programme on assigned topic and present in during practices. These two activities carry 50% of the final grade. Written exam carries 25% of the final grade and students can take it after completing seminar paper and practical work. Oral exam carries 25% of the final grade and students can take it after passing written exam. Oral exam grade will also depend on students' engagement during lectures.

1.10 Compulsory reading list (valid as of the study programme proposal)

1. Kosinac, Z. (2008). Kineziterapija sustava za kretanje. Zagreb: Gopal d.o.o.
2. Kosinac, Z. (2018). Posturalni problemi u djece i mladeži. Zagreb: Medicinska naklada.
3. Babić-Naglić, Đ. (2013.). Fizikalna i rehabilitacijska medicina. Zagreb: Medicinska naklada.
4. Mišigoj-Duraković, M. (2018.). Tjelesno vježbanje i zdravlje. Zagreb: Znanje d.d.
5. Ciliga, D., Trošt Bobić, T., Petrinović Zekan, L. (2011). Dijagnostika u kineziterapiji.

⁶³IMPORTANT: For each activity of monitoring students' performance, it is necessary to enter appropriate share of ECTS credits, so that the sum of shared ECTS credits per each activity corresponds to the total number of ECTS credits assigned to the course. Blank fields can be used for entering additional activities.

In: Findak, V. (Ed.) Zbornik radova 20. ljetne škole kineziologa Republike Hrvatske „Dijagnostika u područjima edukacije, sporta, sportske rekreacije i kineziterapije“, Poreč, 2011., Zagreb: Hrvatski kineziološki savez str. 58-63.

6. Petrinović Zekan, L., Ciliga, D., Trošt Bobić, T. (2010). Individualizacija rada u području kineziterapije. In: Neljak, B. (Ed.) Zbornik radova 19. ljetne škole kineziologa Republike Hrvatske „Individualizacija rada u područjima edukacije, sporta, sportske rekreacije i kineziterapije“, Poreč, 2010, Zagreb: Hrvatski kineziološki savez, 55-60.

7. Trošt Bobić, T., Ciliga, D. (2019). Uloga pokreta u neurorehabilitaciji. In: Rendulić Slivar, S., Kraml, O. (Eds.). Zbornik radova Balneološkog skupa “dr. Ivan Šreter”. Lipik: Specijalna bolnica za medicinsku rehabilitaciju Lipik, p. 14-15.

1.11 Optional reading list (valid as of the study programme proposal)

1. Dietz, V., Ward, N. S. (2020). Oxford Textbook of Neurorehabilitation. 2nd Edition. Oxford: Oxford University Press.

2. O’Sullivan S. B., Schmitz, T. J., Fulk, G. (2019). Physical Rehabilitation. 7th Edition. Philadelphia: F. A. Davis Company.

3. Lundy-Ekman, L. (2017). Neuroscience: Fundamentals for Rehabilitation. 5th Edition. St. Louis: Elsevier.

4. American Association of Cardiovascular and Pulmonary Rehabilitation (2020). Guidelines for Cardiac Rehabilitation Programmes. 6th Edition. Champaign: Human Kinetics.

5. Moroz, A., Flanagan, S. Zaretsky, H. (2016). Medical Aspects of Disability for the Rehabilitation Professional. 5th Edition. New York: Springer.

6. Murphy, K. P., McMahon, M. A., Houtrow, A. J. (2020). Pediatric Rehabilitation: Principles and Practice. New York: Springer.

1.12 Number of copies of required reading materials in relation to the number of students currently attending the course

<i>Title</i>	<i>Number of copies</i>	<i>Number of students</i>

1.13 Method of monitoring the quality of teaching with respect to accomplishment of learning outcomes

Anonymous student survey.

General information		
Course teacher	Assist. Prof. Dr. Andela Grgić	
Course title	Basics of Physical Medicine and Rehabilitation	
Study programme	Undergraduate University Study Programme of Kinesiology	
Course status	Elective in Kinesitherapy module	
Study year	Third year	
Credit value and teaching delivery mode	ECTS student workload	4
	Number of teaching hours (L+P+S)	(30+0+15)
1. COURSE DESCRIPTION		
<i>1.1 Course objectives</i>		
Acquiring knowledge necessary for monitoring course contents of narrow professional discipline and clinical science in the field of physical medicine and rehabilitation. The course objective is to enable students to know basics of using physical factors in therapy as well as basics of kinesitherapy and hydrokinesitherapy. Another objective is to enable students to gain the knowledge about basics of clinical pictures, diagnostics and treatment of rheumatic diseases, conditions after extremity amputations, rehabilitation after strokes, brain and spinal cord injuries and cerebral damages in children.		
<i>1.2 Course entry requirements</i>		
There are no requirements for course entry.		
<i>1.3 Intended learning outcomes at the course level</i>		
<ol style="list-style-type: none"> 1. To identify and explain principles of physical therapy and rehabilitation medicine 2. To differentiate between basic rehabilitation groups of patients 3. To evaluate importance of all members of rehabilitation team (doctor/physiatrist, physiotherapist, kinesiologist, therapist, nurse, speech therapist, psychologist, social worker...) 4. To analyse indications for using rehabilitation therapy and recognise contraindications for its application 5. To define basic methods of diagnostics of motor system impairments 6. To explain basic evaluations of rehabilitation procedures 		
<i>1.4 Course content</i>		
Principles of rehabilitation medicine. Importance and application of different forms of physical therapy. Rehabilitation for patients with nervous system diseases and injuries, rheumatic diseases, children with developmental disorders, cardiopulmonary patients and amputees. Evaluation of rehabilitation success. Orthotics and prosthetics.		
<i>1.5 Form of teaching</i>	<input checked="" type="checkbox"/> lectures <input checked="" type="checkbox"/> seminars and workshops <input type="checkbox"/> practices <input type="checkbox"/> distance teaching <input type="checkbox"/> field teaching	<input checked="" type="checkbox"/> independent work <input type="checkbox"/> multimedia and web <input type="checkbox"/> laboratory <input type="checkbox"/> supervised work <input type="checkbox"/> other
<i>1.6 Comments</i>		
<i>1.7 Students' obligations</i>		
Students are obliged to attend lectures regularly, participate in them actively and perform all tasks laid down in the course syllabus.		

1.8 Monitoring ⁶⁴ of students' performance						
Lecture attendance	1	Student's engagement during the course		Seminar paper	1	Experimental work
Written exam	1	Oral exam	2	Essay		Research
Project		Continuous knowledge assessment		Report		Practical work
Portfolio						
1.9 Grading and evaluation of student work during the course and at the final exam						
Lecture attendance	1	1 - 6	Students have the right to be absent from lectures according to the Ordinance on studies and studying. If students attend all lectures, they are rewarded with 10 points.	systematic monitoring of lecture attendance	0	10
Seminar paper	1	2, 4, 5	Adequately written and publicly presented seminar paper.	grade for quality of the covered topic	0	20
Written exam	1	1 - 6	Written exam on lecture and seminar topics	contains 50 questions: 0 – 59% (insufficient 1), 60 – 69% (sufficient 2), 70 – 79% (good 3), 80 – 89% (very good 4), 90 – 100 % (excellent 5)	0	30
Oral exam	2	1 - 6	Oral exam content depends on the number of points gained during constant monitoring of students' engagement during the course and in the written exam.		0	40
Total	5		Students are graded by means of absolute distribution, that is, based on their final achievement and in the manner of the following numeral grading system: excellent (5): 80 - 100 points very good (4): 70 – 79.99 points good (3): 60 – 69.99 points sufficient (2): 50 – 59.99 points insufficient (1): 0 – 49.99 points		0	100
1.10 Compulsory reading list (valid as of the study programme proposal)						
1. Đ. Babić-Naglić et al. Fizikalna i rehabilitacijska medicina. Medicinska naklada, 2013.						
1.11 Optional reading list (valid as of the study programme proposal)						
1. Jajić I., Jajić Z. Fizijatrijsko-reumatološka propedeutika. 2. izd. Zagreb : Medicinska naklada, 2004.						
2. Jajić I, Jajić Z et al.:Fizikalna i rehabilitacijska medicina:osnove i liječenje. Medicinska naklada, Zagreb 2008.						
3. Frontera W.R.; DeLisa J. A.; DeLisa's physical medicine and rehabilitation: principles and practice. 6th Ed. Philadelphia : Wolters Kluwer, 2020.						

⁶⁴**IMPORTANT:** For each activity of monitoring students' performance, it is necessary to enter appropriate share of ECTS credits, so that the sum of shared ECTS credits per each activity corresponds to the total number of ECTS credits assigned to the course. Blank fields can be used for entering additional activities.

1.12 Number of copies of required reading materials in relation to the number of students currently attending the course

<i>Title</i>	<i>Number of copies</i>	<i>Number of students</i>

1.13 Method of monitoring the quality of teaching with respect to accomplishment of learning outcomes

Anonymous student survey.

4.2. STUDY PROGRAMME STRUCTURE, STUDYING RHYTHM AND REQUIREMENTS FOR ENROLMENT IN THE NEXT SEMESTER AND REQUIREMENTS FOR ENROLMENT IN THE SPECIFIC COURSE OR GROUP OF COURSES

Students are obliged to gain 180 ECTS credits during the study programme period, and all ECTS credits that exceed the obligatory 180 ECTS credits are recorded into Diploma Supplement during the study period.

4.2.1. Studying rhythm and students' obligations

Studying rhythm is expressed through student workload (ECTS credits) and each semester offers the possibility of taking approximately 30 ECTS credits. Full-time students affirm the semester if all teachers grant a signature and, in that way, attest that student has properly fulfilled study programme obligations in all courses during the semester and if, during that semester, student has gained a minimum of 24 out of obligatory 30 ECTS credits by passing exams. Lectures in certain courses are conducted cumulatively for the purpose of quality conducting teaching programmes.

4.2.2. Requirements for enrolment in the next study year

Teachers must deny their signature to students who have been absent from more than 30% of lectures defined by the study programme learning outcomes, meaning those students cannot take the course exam, according to the Ordinance on studies and studying of Josip Juraj Strossmayer University of Osijek. Full-time students are allowed to enrol in the next study year if they obtain teacher's signature for all enrolled courses, pass exams in obligatory courses from previous semesters and gain minimum of 48 ECTS credits in the previous study year, all as confirmations of fulfilling obligations. Students' obligation is to pass the remaining courses from the previous study year and gain 60 ECTS credits for a specific academic year, until the end of the current study year. It is determined by the Ordinance on studies and studying at Josip Juraj Strossmayer University of Osijek that full-time students enrol in the next study year in accordance with the Senate's Decision on the conditions of enrolment in the next study year. In accordance with the study programme and pursuant to the Senate's Decision, an adequate number of ECTS credits is determined for the purpose of the next study year enrolment. Participation in study costs (tuition fees) for full-time students is determined according to the Senate's Decision on linear model of studying at Josip Juraj Strossmayer University of Osijek.

Full-time students who fulfil study programme obligations and gain 55 ECTS credits in the study year obtain the right to enrol in the next study year without participating in study costs, that is, paying tuition fees.

Full-time students who do not fulfil study programme obligations and do not meet the prescribed requirements for the next study year enrolment, which are described in ECTS credits determined by the Senate's Decision on the conditions of enrolment in the next study year, enrol in the same study year again and are obliged to pay the tuition fee according to the Senate's Decision on linear model of studying at Josip Juraj Strossmayer University of Osijek. Full-time students can enrol in the same study year only once, provided they have gained at least 24 ECTS credits, and if the mentioned requirement is not met students lose full-time student status and can, at individual request and according to the Decision of the Expert Council of the constituent unit, continue studying in the status of a part-time student. In case the constituent unit does not conduct part-time studies, students can be granted studies

completion without students' rights, according to the Statute of the University and the Ordinance on studies and studying at Josip Juraj Strossmayer University of Osijek.

Due to possibility of conducting cumulative teaching in obligatory courses, conducting practical teaching at specialised worksites, work on projects and obligatory professional practice, number of ECTS credits per semester may differ from 30 ECTS credits (+/- 4 ECTS credits), in which cases the total number of obligatory ECTS credits during the study period counts to 180. In case students take a greater number of elective courses during the academic year, they can gain over 60 ECTS credits, but in that case the surplus of credits cannot be included in the sum of necessary credits in the next semester. All ECTS credits that exceed obligatory 60 ECTS credits during study year or 30 ECTS credits during semester are recorded into Diploma Supplement.

All other matters regarding studies (exams, grade complaints, exam repetitions, assuring publicity at exams and other) are regulated by the Ordinance on studies and studying at Josip Juraj Strossmayer University of Osijek.

4.2.3. Total duration of studies

Total duration of studies in the status of full-time student is the time of prescribed duration of studies that can be prolonged for the maximum period of one-third of the prescribed duration of studies or until the end of the academic year in which that term expires. For students who lost the full-time student status, completion of studies must be granted within the period of six years (terms determined since the first year of enrolment) for undergraduate university studies, according to the study programmes and the Statute of the Faculty of Kinesiology Osijek.

4.2.4. Manners of knowledge assessment

Students' knowledge assessment is conducted in accordance with specificities of courses. Manners of knowledge assessment are specified in the course description, individually for each course. All students' activities and phases of work during the teaching process are marked, and students have insight into results of written exams and right to feedback regarding grades in specific elements of theoretical and practical knowledge assessments in obligatory and elective courses.

4.2.5. Losing studying permit

Conditions of losing studying permit at the study programme are determined by the Statute of Josip Juraj Strossmayer University of Osijek, the Statute of the Faculty of Kinesiology Osijek and the Ordinance on studies and studying at Josip Juraj Strossmayer University of Osijek.

Students lose the student status:

- upon completion of studies
- upon withdrawal from the Faculty of Kinesiology Osijek
- upon exclusion from the studies according to the procedure and conditions determined by the Ordinance on the disciplinary accountability of students of the University

- when they do not complete studies within the period determined by the Statute and the Ordinance on studies and studying at Josip Juraj Strossmayer University of Osijek
- when they do not meet the requirements for repeating the study year
- for other reasons determined by the Statute or other general ordinance.

4.2.6. Exam types and manner of grading

Students' knowledge is assessed and graded during lectures (preliminary exams, practical homework, artistic performances, artistic teaching productions and similar), with the final grade determined at the exam. The possibility of gaining ECTS credits on specific teaching forms without grading or by descriptive grading without taking the exam is determined by the study programme and the syllabus. Students take the exams in the enrolled course/study programme module after fulfilling all obligations determined by the study programme and syllabus. Exams can be theoretical and practical and are taken only orally or in written and oral manner or by performance/presentation of practical work or by performance. Practical part of the exam can be conducted separately from the theoretical part. The entire exam must be completed in the period of seven working days. Oral exam is public and taken in the presence of two or more students. The course teacher is obliged to ensure publicity at the oral exam/oral part of the exam. If that is not the case, students have the right to ask for publicity at the exam or refuse to take the oral exam/oral part of the exam until publicity is ensured. Students' right to take the oral exam if the written one is not previously passed, if Exam consists of written and oral part, cannot be limited by the study programme. Duration of one student's oral part of the exam cannot be longer than 45 minutes. Success achieved at the exam is publicly available. The student and the person who proves legal interest for it have the right to insight into exam results. Students take the exams with the course teacher/module coordinator determined by the syllabus. Students' work for specific course/module can be evaluated and graded during lectures in accordance with the study programme and syllabus, and the final grade can be determined on the basis of engagement during lectures and/or at the exam, in accordance with the syllabus. Preliminary exams and exams can be written and/or oral, oral or practical. Practical exam includes students' engagement during the semester, their mastering of theoretical knowledge and practical motor knowledge and achievements they must master according to the programme of scheduled courses. Exams in theoretical courses are written and/or oral. Exam terms can be regular or special. Exam calendar is an integral part of the syllabus and is published at the beginning of each academic year on the noticeboard and on the Faculty of Kinesiology Osijek website. Furthermore, regarding the fact that lectures from specific courses are possibly conducted cumulatively and for the purpose of quality covering of teaching materials, exams in those courses can be conducted upon the completion of the teaching cycle, not following the official exam terms calendar of the University, and on dates about which the course teachers and heads of the study programmes must officially notify the Office for Student Affairs. All exam terms are published on the noticeboard and the Faculty of Kinesiology Osijek website. Final grades of all knowledge assessments must be published on the noticeboard and entered into the Teachers Portal database.

4.2.7. Criteria and requirements for ECTS credits transfer

Criteria and requirements for ECTS credits transfer are defined by a general ordinance of Josip Juraj Strossmayer University of Osijek and the Faculty of Kinesiology Osijek, that is, by an agreement between University's constituent units.

4.2.8. Additional programmes

Students of the undergraduate university study programme of Kinesiology, besides in teaching contents defined by the study programme, also participate in sports activities and competitions at the Faculty and the University, attend scientific conferences and actively participate in kinesiological and interdisciplinary projects of the Faculty as well as international projects by which they enrich their studying experience and acquire additional skills and knowledge. In the foreseeable future, the Faculty of Kinesiology Osijek plans to form the Diagnostics Centre in whose work students will also participate.

4.3. COURSES STUDENTS CAN CHOOSE FROM OTHER STUDY PROGRAMMES

Students of the undergraduate university study programme of Kinesiology can, beside courses of this study programme, choose common elective courses that are defined by the syllabus for a specific academic year and offered at the Faculty level or other University's constituent unit level. Students can choose courses to enrol in from other study programmes of the University of Osijek or other faculties according to the List of courses and/or modules students can choose from other study programmes. In those cases, exams are evaluated with the number of ECTS credits the course carries at its home faculty and are added to the credit value of other courses of the study programme. However, students are obliged to enrol and pass all obligatory courses of the undergraduate university study programme of Kinesiology, even though in that case the sum of ECTS credits can be over 30 ECTS credits per semester. Criteria and requirements for ECTS credits transfer are defined by a general ordinance of the University, that is, an agreement between University's constituent units.

4.4. LIST OF COURSES THAT CAN BE CONDUCTED IN FOREIGN LANGUAGE

All courses of this study programme can also be conducted in English language.

4.5. MANNER OF THE STUDY PROGRAMME COMPLETION

Undergraduate university study programme of Kinesiology is completed after passing all exams, preparing and getting a grade for an undergraduate thesis, after which students gain 180 ECTS credits. Undergraduate thesis at the undergraduate university study programme of Kinesiology can be prepared within obligatory or elective courses in selected module, has up to 15 standard pages, is supervised by a mentor and is not publicly defended. Topic and mentor are approved by the Committee for Final and Master's Examination. Students can start preparing their undergraduate thesis only after they pass all exams defined by the syllabus of the undergraduate university study programme of Kinesiology, including elective courses. Mentor grades the undergraduate thesis. Mentor enters student's grade in the ISVU (Higher

Education Institutions Information System) system during exam terms and delivers Report on undergraduate thesis grade and one signed copy of undergraduate thesis to the Office for Student Affairs. Undergraduate thesis grade can be recorded only after all exam grades of the study programme are recorded. Undergraduate thesis is credited with total of 8 ECTS credits.

4.6. CONDITIONS BY WHICH STUDENTS WHO TERMINATED STUDIES OR LOST STUDYING PERMIT AT ONE STUDY PROGRAMME CAN CONTINUE STUDIES

The conditions by which students who terminated studies or lost their studying permit at one study programme can continue studies are defined by the Ordinance on studies and studying at Josip Juraj Strossmayer University of Osijek and include specially appointed committee that decides on possible differences in teaching programmes for enrolment in next semesters, for each case individually. Students who had the status of a full-time student and lost it due to termination of studies can continue studies in the status of a part-time student, provided that the study programme has not been significantly changed (over 20%) since their enrolment. Request for approving continuation of studies is submitted to the Expert Council or the authorised entity of the Expert Council of the constituent unit, with attached index and appropriate documentation defined by the constituent unit.

5. CONDITIONS FOR REALISATION OF THE STUDY PROGRAMME

5.1. PLACES FOR REALISATION OF THE STUDY PROGRAMME

Undergraduate university study programme of Kinesiology will be conducted at:

- the Faculty of Kinesiology Osijek, at the address: Drinska 16A, Osijek
- the Faculty of Agrobiotechnical Sciences Osijek in Aula Media and Aula Alta, at the address: Vladimira Preloga 1, Osijek
- the Faculty of Education Osijek in two classrooms (41 and 42) and physical education gymnasium, at the address: Cara Hadrijana 10 D
- sports gymnasium of the Gymnastics Club Osijek Žito, at the address: Ulica kralja Tomislava 5, Osijek
- Sports Facilities Osijek, Osijek public indoor pools, Gradski vrt Gymnasium and Gradski vrt Stadium, at the address Kneza Trpimira 23, Osijek high school playground, at the address: Istarska 1D, tennis courts, at the address: Perivoj kralja Tomislava
- Osijek Football Club Stadium, at the address: Ulica Woodrowa Wilsona 2.

5.2. DOCUMENTS PROVING OWNERSHIP OF FACILITIES, RIGHTS TO USE, LEASE OR OTHER VALID LEGAL BASIS

The Agreement of 30 September 2020 between Josip Juraj Strossmayer University of Osijek, the Faculty of Kinesiology Osijek and Architectural-Geodetic School Osijek for lease of business premises of Architectural-Geodetic School Osijek within premises of the Faculty of Civil Engineering and Architecture Osijek at the address Drinska 16A.

The Agreement of 20 November 2020 between Športski objekti Ltd. and the Faculty of Kinesiology Osijek on use of facilities managed by Športski objekti Ltd.

The Agreement of 23 December 2020 on cooperation between Gymnastics Club Osijek Žito and the Faculty of Kinesiology Osijek.

5.3. PROOF OF PROVIDED PREMISES FOR CONDUCTING HIGHER EDUCATION ACTIVITIES

The Faculty of Kinesiology Osijek uses a part of lecture building and gymnasium of Architectural-Geodetic School Osijek that was built in 1980 and went through energy renovation in 2019. Total area of the Faculty's lecture building is 560 m², area of the gymnasium is 1045.25 m², and the area of outdoor sports premises is 1450 m². Construction of sports facilities and lecture premises is in plan (Strategy of Josip Juraj Strossmayer University of Osijek 2011 – 2020). The Faculty has five lecture halls and a gymnasium.

Premises are renovated, equipped with computers, LCD projectors, have internet connection and adequate furniture. The gymnasium is suitable for students' and teachers' needs and has appropriate and contemporary equipment. The Faculty Library is currently located at the Faculty of Education on campus with 84.32 m² in area and it includes a reading room for group work, reading room for individual work, the Loans Department and premises for library materials. There are 30 available working places in reading rooms, and access to the entire fund is available to students.

5.4. PROOF OF PROVIDED FACULTY'S EQUIPMENT

There are new computers (with internet connection) and projectors for conducting lectures in all lecture halls at the Faculty of Kinesiology Osijek. For students' work, wireless connection is enabled with six computers available in the Faculty's building. Students also have available computers and one printer in the Library of the Faculty of Education Osijek. Students can use IT equipment at any time. The Faculty's Library is open five days a week from 7.30 a.m. to 8.00 p.m., and through the Library's website (<http://knjiznica.kifos.hr/>) and online catalogue (<http://http://knjiznica.kifos.hr/>) users can access bibliographic data on the fond of the Library 24 hours a day. Also, through website, users can access databases secured by national licences or the Faculty's subscription. Library users can copy materials for teaching and personal purposes according to the Copyright and Related Rights Act (Official Gazette 167/03). Materials not owned by the Library are procured through interlibrary loans from Croatia and abroad. Data on library equipment are specified in Table 3.

Table 1 – Description of Premises and Staff Conditions for Conducting the Study Programme

1. PREMISES AND EQUIPMENT					
<i>1.1 Higher education institution buildings (write existing building, buildings under construction and planned construction)</i>					
<i>Building identification</i>	<i>Building location</i>	<i>Year of construction</i>	<i>Year of extension or reconstruction</i>		<i>Total premises area in m²</i>
Lecture building	Drinska 16A	1980	2019		759.23 m ²
Lecture building	Cara Hadrijana 10D	18 th or 19 th century	2009 – 2010		2727 m ²
Lecture building	Vladimira Preloga	2011	-		18,600 m ²
<i>1.2 Lecture halls</i>					
<i>Building identification</i>	<i>Lecture hall number or mark</i>	<i>Premises area in m²</i>	<i>Number of seating places for students</i>	<i>Number of teaching hours per week</i>	<i>Equipment evaluation*(1 to 5)</i>
Drinska 16A	13	105 m ²	154	36	5
Drinska 16A	5	35 m ²	24	10	5
Drinska 16A	4	63 m ²	62	20	5
Drinska 16A	36	106 m ²	40	10	5
Vladimira Preloga 1	Aula Media	144.30 m ²	143	34	5
Vladimira Preloga	Aula Alta	144.30 m ²	143	32	5
Cara Hardijana 10 D	39	95	76	6	5
Cara Hadrijana 10D	42	95	76	6	5
Cara Hadrijana 10D	2	95	20	38	5
<i>* equipment evaluation implies quality of furniture, technical and other equipment</i>					

1.3 Laboratories/practicums used in teaching					
Building identification	Internal mark of laboratory/practicum room	Premises area (in m²)	Number of working places for students	Number of teaching hours per week	Evaluation equipment (1 to 5)
High school centre	Diagnostics Centre – currently being equipped	100	8	5	3
1.4 Teaching bases (worksites) for practical teaching					
Building identification	Name of the teaching base	Number of students attending each teaching base	Number of teaching hours per week conducted in each teaching base		
Drinska 16A	gymnasium	233	22		
Cara Hadrijana 10D	gymnasium	120	10		
Department of Mathematics	Fitness Centre	100	6		
Sports Facilities Pool	indoor swimming pool	35	4		
Sports Facilities Stadium	Gradski vrt Stadium	35	2		
Sports gymnasium	Gradski vrt Athletic Hall	10	6		
Tennis courts	tennis courts	20	2		
1.5 Computer classrooms equipment (name data on computers in computer laboratories/practicums used in teaching)					
Number of newer computers (up to 3 years)	Number of older computers (over 3 years)	Functionality evaluation (from 1 to 5)	Maintenance evaluation (from 1 to 5)	Evaluation of possibilities of using equipment apart from teaching	
5	20	4	4	3	

1.6 Teachers' offices							
Building identification	Number of teaching offices	Average premises area (in m²)	Equipment evaluation (from 1 to 5)	Average premises area in m² per permanently employed teacher/associate*			
Drinska 10A	4	15	5	4			
<i>* or a number of teachers/associates who share an office</i>							
1.7 Premises used only for scientific and research work and professional work							
Building identification	Internal mark of a room or laboratory	Premises area (in m²)	Number of teaching hours per week	Equipment evaluation (from 1 to 5)			
High school centre	Diagnostics Centre – currently being equipped	100	8	5			
1.8 Capital equipment <i>(specify data on available capital equipment of this higher education institution for which the purchase value is over 200,000 HRK)</i>							
Name of instrument (equipment)	Purchase value		Age				
1.9 Library premises and equipment							
<i>a) specify data on library premises</i>							
Total premises area (in m²)	Number of employees	Number of seating places	Number of students that use the Library	Is there a computer database of books and magazines			
70	3	28	233	YES			
<i>b) specify data on library premises equipment</i>							
Number of book titles	Number of textbooks *	Evaluation of modernity of books and textbooks (from 1 to 5)	Number of foreign magazine titles	Number of domestic magazine titles	Evaluation of functionality of books and magazines catalogues (from 1 to 5)	Equipment evaluation (from 1 to 5)**	Evaluation of quality and availability of electronic contents***
5,000	3,360	5	11	74	4	4	4

* *Number of textbooks means all titles, regardless of the number of copies.*

** *Possibility of copying for teacher and students, procurement of copies from other libraries, teachers' papers catalogues and similar.*

*** *Electronic contents mean electronic editions of books and magazines, databases and catalogues of this and other libraries.*

1.10 Office for Student Affairs

Total premises area (in m²)	Number of employees	Working hours
28.45	2	7.30 a.m. to 3.30 p.m.

5.5. SPATIAL CAPACITIES FOR CONDUCTING LECTURES

In the academic year 2020/2021, there was 1,759.23 m² of usable premises area. Additionally, 84 m² of usable premises in reading rooms (intended for studying) can be added to the mentioned number. By relating the number of students to usable premises area, it results in 1.67 m² of usable premises area for each student.

5.6. OPTIMAL NUMBER OF STUDENTS

Optimal number of students who can enrol in the undergraduate university study programme of Kinesiology, with regard to premises, equipment and number of teachers and studying specificities, is 60.

5.7. LIST OF TEACHERS AND NUMBER OF ASSOCIATES WHO WILL PARTICIPATE IN CONDUCTING THE STUDY PROGRAMME

Table 2 – Description of Staff Conditions

<i>4.1 List and workload of employed teachers who participate in conducting the study programme</i>	Table for creating a list of employed teachers (Table 4.1)
<i>4.2 List and workload of external associates who participate in conducting the study programme</i>	Table for creating a list of external associates (Table 4.2)
<i>4.3 Analysis of the study programme coverage with teachers employed at the higher education institution in relation to the total number of teachers necessary to conduct the study programme (in %)</i>	
<i>4.4 CVs of employed teachers and external associates who participate in conducting the study programme⁶⁵</i>	CV has to be in EU format
<i>4.5 Optimal number of students who can enrol in the study programme regarding premises and staff conditions</i>	60
<i>4.6 List and qualifications of associates from institutions set out in point 1.4 who will participate in activities</i>	Table for creating a list of associates (Table 4.6)

⁶⁵**IMPORTANT:** If a teacher is not employed at the higher education institution that proposes the study programme, the following written statements must be enclosed:

1. Statement of the teacher that he is prepared to conduct lectures
2. Permission of the head of institution at which the teacher is employed, stating courses and period for which the Permission is issued.

<i>(teaching, research and professional) of the study programme</i>	
4.7 Student-teacher ratio	Table of total number of teacher and students (shown in the Table below)

Table 3 – Total Number of Teachers and Students

Total number of teachers and students						
		<i>Study programme year</i>				
		<i>1st</i>	<i>2nd</i>	<i>3rd</i>	<i>1st</i>	<i>2nd</i>
1.	Total number of teachers	17	19	28	17	-
1.1	Permanently employed teacher	9	6	8	13	-
1.2	30% contract relation	-	-	-	-	-
1.3	50% contract relation	2	1		2	-
1.4	70% contract relation			1	1	-
1.5	External associates	7	12	17	9	-
2.	Total number of full-time students	71	60	65	37	-
2.1	With the support from the Ministry of Science and Education					
2.2	Self-financed students					
3.	Total number of part-time students					
4.	Total number of students (2+3)	71	60	65	37	-

Table 4.1 – List and Workload of Teachers Employed at the Higher Education Institution Who Participate in Conducting the Study Programme

TEACHERS EMPLOYED AT THE HIGHER EDUCATION INSTITUTION												
Scientific-teaching title	First and last name	Course	Seme-ster	Plan			Implementation			Teaching hours norm	Total workload at the study programme	Total workload at HEI
				L	P	S	L	P	S			
FULL PROFESSOR	Vesnica Mlinarević	Pedagogy	3	30		30	30		30	105	105	172.5
ASSOCIATE PROFESSOR	Vjekoslav Galzina	Biomechanics	2	30	15	15	30	15	15	117.5	117.5	117.5
ASSISTANT PROFESSORS	Josip Cvenić	Theory and Methodology of Sports Games I	2	15	45	0	8	23	0	41	378.5	391.5
		Theory and Methodology of Sports Games II		15	45		0	0	0			
		Theory and Methodology of Sports with Racket	3	15	30	0	15	0	0	30		
		Theory of Training	4	45	0	15	45	0	15	112.5		
		Kinesiology Analysis in Selected Sport	4	30	0	30	30	0	0	60		
		Designing of Training Programmes in Selected Sport II	6	30	0	15	30	0	0	60		

		Animation in Kinesiological Recreation	6	30	15	0	30	15	0	75		
	Hrvoje Ajman	Basics of Kinesiological Transformations	1	30	30	15	30	0	15	82.5	566	589
		Theory and Methodology of Athletics	1	15	45	0	15	45	0	75		
		Theory and Methodology of Sports Games I	2	16	50	0	8	25	0	41		
		Theory and Methodology of Sports Games II		16	50							
		Anthropological Analysis in Physical Conditioning	4	30	0	15	30	0	15	82.5		
		Kinesiological Analysis in Physical Conditioning	4	15	0	30	15	0	30	75		
		Methodology of Physical Conditioning in Selected Sport	5	15	30	30	15	30	30	105		
		Methodology of Physical Conditioning I	5	15	30	30	15	30	30	105		
	Zvonimir Tomac	Systematic Kinesiology	1	30	0	30	30	0	30	105	392.5	468.5
		Theory and Methodology of Elementary Gymnastics	2	15	45	0	5	15	0	25		
		Sport for People with Disabilities and Children with Developmental Disorders	4	15	45	0	15	15	0	45		
		Athlete Performance Diagnostics	5	15	30	15	15	30	15	82.5		
		Planning and Developing of Procedures in Kinesitherapy I	5	30		30	30		30	105		

	Ivica Kelam	Society and Sports	5	30		30	30		30	105	105	210
	Danijela Kuna	Basics of Kinesiological Recreation	2	15	15	30	15	15	30	105	322.5	415.5
		Theory and Methodology of Skiing	3	15	30	0	15	30	0	60		
		Design of Training Programmes in Kinesiological Recreation	6	15	0	30	15	0	30	75		
		Health-oriented Kinesiological Activity	6	15	30	15	15	30	15	82.5		
	Iva Šklempe Kokić	Injury Prevention in Kinesiology Activities	4	15	15	15	15	15	15	82.5	442.5	615
		Kinesitherapy	4	30	30	0	30	30	0	90		
		Functional Effects of Kinesitherapy Interventions	4	15	0	15	15	0	15	52.5		
		Kinesiological Analysis in Kinesitherapy	4	30	0	30	30	0	30	105		
		Methodology in Kinesitherapy I	5	15	30	30	15	0	30	75		
		Methodology in Kinesitherapy 2	6	15	30	15	15	0	15	52.5		
	Dražen Rastovski	Theory and Methodology of Swimming	1	15	45	0	15	30	0	60	150	300
		Methodology of Technical and Tactical Preparation in Selected Sport I	5	15	30	15	15	0	0	30		
Methodology of Kinesiological Recreation in Tourism		5	15	30	30	15	0	0	30			

		Methodology of Technical and Tactical Preparation in Selected Sport II	6	15	30	15	15	0	0	30		
		Methodology of Physical Conditioning II	6	15	30	15	15	0	0	30		
	Tvrtko Galić	Economics and Management in Sports	5	30	0	30	30	0	30	105	115	220
		Organisation and Management of Sports Law Basics	3	15	0	30	5	0	0	10		
POSTDOCTORAL FELLOWS	Mijo Ćurić	Theory and Methodology of Combat Sports	3	15	30	0	0	15	0	15	247.5	251.5
		Kinesiology Analysis in Selected Sport	4	30	0	30	0	0	30	45		
		Introduction to Fitness	4	15	0	15	15	0	15	52.5		
		Kinesiological Analysis in Fitness	4	30	0	30	0	0	30	45		
		Individual and Group Fitness Programmes	5	15	30	30	0	30	30	75		
		Control of Training in Selected Sport	6	15	15	0	0	15	0	15		
	Ivana Klaričić	Theory and Methodology of Sports Games II	2	16	50	0	8	25	0	41	146	292
		Methodology of Technical and Tactical Preparation in Selected Sport I	5	15	30	15	0	30	15	52.5		

		Methodology of Technical and Tactical Preparation in Selected Sport II	6	15	30	15	0	30	15	52.5		
ASSISTANTS	Petar Otković	Methodology in Kinesitherapy I	5	15	30	30	0	30	0	30	112.5	172.5
		Methodology of Physical Conditioning II	6	15	30	15	0	30	15	52.5		
		Methodology in Kinesitherapy II	6	15	30	15	0	30	0	30		
LECTURERS	Ivana Duvnjak	Psychology of Sport and Physical Exercise	4	30	0	30	30	0	30	105	105	105
	Darija Župan Tadijanov	Theory and Methodology of Elementary Gymnastics	2	15	45	0	10	30	0	50	222.5	440
		Sport for People with Disabilities and Children with Developmental Disorders	4	15	45	0	0	30	0	30		
		Designing of Physical Conditioning Programme 1	5	30	0	30	0	0	30	45		
		Methodology of Kinesiological Recreation in Tourism	5	15	30	30	0	30	30	75		
		Designing of Physical Conditioning Programme ii	6	30	0	15	0	0	15	22.5		
	Jurica Lovrinčević	Basics of Kinesiological Recreation	1	15	30	30	0	30	0	30	227.5	287.5
		Theory and Methodology of Swimming	1	15	45	0	0	15	0	15		
		Biological Kinanthropology	3	30	15	15	0	15	0	15		

	Designing of Training Programmes in Selected Sport I	5	30	0	30	0	0	30	45		
	Designing of Training Programmes in Selected Sport II	6	30	0	15	0	0	15	22.5		

Table 4.2 – List and Workload of External Associates Who Participate in Conducting the Study Programme

EXTERNAL ASSOCIATES											
Scientific-teaching title	First and last name	Course	Semester	Plan			Implementation			Teaching hours norm	Total workload at the study programme
				L	P	S	L	P	S		
FULL PROFESSORS	Danijela Čačić Kenjerić	Nutrition and Physical Activity	6	15	30		15			30	30
	Gradana Furjan Mandić	Individual and Group Fitness Programmes	5	15	30	30	15			30	30
	Saša Krstulović	Theory and Methodology of Combat Sports	3	15			15			30	30
	Damir Matanović	History of Exercise and Sports	1	30		15	0		0	0	0
	Damir Sekulić	Kinesiological Analysis in Fitness	4	30		30	30			60	60
	Robert Selthofer	Functional Anatomy	1	30		30	30		30	105	105
	Aleksandar Včev	Physiology of Sport and Exercise	2	30		30	0		0	0	0
Basics of Clinical Medicine		5	30		30	10			20	20	
ASSOCIATE PROFESSORS	Tomislav Krističević	Anthropological Analysis in Selected Sport	4	15		15	15			30	30
	Martina Smolić	Sports Medicine	3	30		30	30			60	60
	Zvonimir Užarević	Biological Kinanthropology	3	30	15	15	30		15	82.5	82.5

	Frane Žuvela	Designing of Physical Conditioning Programme II	6	30			30		0	60	60
ASSISTANT PROFESSORS	Marijo Baković	Control of Training in Selected Sport	6	15	15		15			30	30
	Marijo Baković	Athlete Training Control	6	15	15		15	15		45	45
	Foretić Nikola	Designing of Physical Conditioning Programme I	6	30		15	30			60	60
	Anđela Grgić	Basics of Physical Medicine and Rehabilitation	6	30		15	30		15	87.5	82.5
ASSISTANT PROFESSORS	Ana Kurtović	Psychology of Sport and Physical Exercise	4	30		30	0		0	0	0
	Tošo Maršić	Kinesiological Methodology with Kinesimetry	6	30	30		30	30		90	90
	Ivan Segedi	Designing of Training Programmes in Selected Sport I	5	30		30	30	0	0	60	60

5.8. LIST AND DATA - TEACHERS AND ASSOCIATES

Name	Assist. Prof. Dr. Hrvoje Ajman
E-mail	hajman@kifos.hr
Researcher ID	371524
Employment	Faculty of Kinesiology Osijek, Josip Juraj Strossmayer University of Osijek
Position – title	Assistant Professor, March 2021
Title, date of last appointment	Postdoctoral fellow, 17 th March 2020
Working experience	<ul style="list-style-type: none"> - Šuma Striborova Kindergarten, head of sports programme - Badminton club Max, coach - Faculty of Kinesiology in Zagreb, external associate - Faculty of Education, Josip Juraj Strossmayer University of Osijek, Assistant - Faculty of Kinesiology Osijek, Postdoctoral fellow
Education and training	<p>Grammar School Pakrac (2001-2005)</p> <p>-Integrated undergraduate and graduate study of Kinesiology, Faculty of Kinesiology in Zagreb (Athletics), Graduate thesis: „Uloga zamaha rukama prilikom skoka u dalj s mjesta“ (2005-2011)</p> <p>-Postgraduate PhD Study of Kinesiology (Education), Faculty of Kinesiology in Zagreb, PhD Thesis: „Povezanost između društvenog kapitala i tjelesne aktivnosti učenika srednjoškolske dobi“ (2011-2016)</p> <p>-HNS Academy, UEFA B coach programme (2012)</p> <p>-HNS Academy, UEFA A coach programme (2017)</p> <p>-HNS Academy, UEFA B futsal coach programme (2020)</p>
List of publications in the past five years (max. 5)	
<ol style="list-style-type: none"> 1. Ajman, Hrvoje; Tomac, Zvonimir. Differences in biological age of the best U11 and U13 teams in Croatia // <i>Journal of Human Sport and Exercise</i>, 14 (2019), 2375-2379. 2. Ajman, Hrvoje; Novak, Dario; Mišigoj-Duraković, Marjeta. Social capital and physical activity among Croatian high school students: a school type based cross-sectional study // <i>Medica Jadertina</i>, 49 (2019), 2; 75-83. 3. Ajman, Hrvoje; Ukić, Marita; Madić, Dejan. The relationship between family socio-economic status, family social support and adolescent physical activity // <i>Health Problems of Civilization</i>, 13 (2019), 1; 48-55. 4. Možnik, Marijo; Baković, Marijo; Ajman, Hrvoje. Changes in Physiological Indicators during the first Bungee Jump // <i>Sport Mont</i>, 17 (2019), 2; 35-39. 5. Ajman, Hrvoje; Novak, Dario; Mišigoj-Duraković, Marjeta. Lifestyle factors associated with overweight/obesity status in Croatian adolescents: a population-based study // <i>The Physical Educator</i>, 76 (2019), 4; 926-944. 	
Selected publications (max 5 papers)	
<ol style="list-style-type: none"> 1. Rastovski, Dražen; Ajman, Hrvoje; Vidranski, Tihomir. Povezanost između društvenog kapitala škole i tjelesne aktivnosti učenika srednjoškolske dobi // <i>Zbornik radova 28. Ljetne škole kineziologa Republike Hrvatske / Babić, Vesna (Ed.). Zagreb:</i> 	

- Hrvatski kineziološki savez, 2019. p. 97-103.
2. Ajman, Hrvoje. Da li razina tjelesne aktivnosti određuje prevalenciju prekomjerne tjelesne mase i pretilosti kod učenika završnih razreda srednje škole iz Hrvatske? // Zbornik radova 28. Ljetne škole kineziologa Republike Hrvatske / Babić, Vesna (Ed.). Zadar: 2019. p. 74-80.
 3. Gebaj, Martina; Tomac, Zvonimir; Ajman, Hrvoje. Development motor skills in younger school children during a three-month volleyball practice // International scientific conference Effects of applying physical activity on anthropological status of children, adolescents and adults / Suzović, Dejan ; Janković, Nenad ; Prebeg, Goran ; Čosić, Marko (Eds.). Beograd: University of Belgrade-Faculty of Sport and Physical Education, 2018, p. 218-222.
 4. Antekolović, Josipa; Ajman, Hrvoje; Ljubičić, Sanja. Primjena vortexa (vrtloga) u elementarnoj sportskoj školi programa Vikendom u sportske dvorane // Zbornik radova 27. ljetne škole kineziologa Republike Hrvatske. Poreč, Hrvatska, 2018, p. 153-158.
 5. Ajman, Hrvoje; Antekolović, Josipa. Karakteristike i specifičnosti sportskog programa u privatnom dječjem vrtiću iz Zagreba // Zbornik radova 25. ljetne škole kineziologa Republike Hrvatske, „Kineziologija i područja edukacije, sporta, sportske rekreacije i kineziterapije u razvitku hrvatskog društva“. Poreč, Hrvatska, 2016, p. 223-228.

Name	Assist. Prof. Dr. Marijo Baković
E-mail	marijo.bakovic@kif.hr
Researcher ID	332782
Employment	Faculty of Kinesiology, University of Zagreb
Position – title	Assistant Professor, course: Athletics
Title, date of last appointment	Assistant Professor, 9 th September 2020
Working experience	1st October 2010 – Faculty of Kinesiology, University of Zagreb
Education and training	1996 - 2000 Grammar School Lucijan Vranjanin in Zagreb 2005 - 2010 Integrated Study of Kinesiology, Faculty of Kinesiology in Zagreb 2011 - 2016 PhD study of Kinesiology, Faculty of Kinesiology in Zagreb
List of publications in the past five years (max. 5)	
<ol style="list-style-type: none"> 1. Rupčić, T., Feng, L., Matković, B.R., Knjaz, D., Dukarić, V., Baković, M., Matković, A., Svoboda, I., Vavaček, M., Garafolić, H. (2020). The impact of progressive physiological loads on angular velocities during shooting in basketball – case study. <i>Acta Kinesiologica</i>, 14(2), p. 102-109. 2. Možnik, M., Baković, M. i Ajman, H. (2019). Changes in physiological indicators during the first Bungee jump. <i>Sport Mont</i>, 17(2), p. 35 – 39. 3. Cigrovski, V., Franjko, I., Rupčić, T., Baković, M. and Božić, I. (2017). Is specific motor test enough to evaluate new alpine ski knowledge in ski beginners? <i>Annales Kinesiologiae</i>. 8(1), p. 5-14. 4. Cigrovski, V., Franjko, I., Rupčić, T., Baković, M., Matković, A. (2017). Comparison of standard and newer balance test in recreational alpine skiers and ski novices. <i>Montenegrin Journal of Sports Science and Medicine</i>, 6(1), 49-55. 5. Cigrovski, V., Franjko, I., Rupčić, T., Baković, M. and Matković, B. (2016). Correlation between balance, specific alpine skiing knowledge and situational efficiency in alpine skiing. <i>Acta Kinesiologica</i>. 10(Suppl 1), p. 66-70. 	
Selected publications (max 5 papers)	
<ol style="list-style-type: none"> 1. Antekolović, Lj., Ljubičić, S. i Baković, M. (2014). Vrste i pojavnost ozljeda u atletici. <i>Hrvatski športskomedicinski vjesnik</i>. 1, p. 11-18. 2. Antekolović, Lj., Baković, M. i Ajman, H. (2011). Can the use of handheld extra weights improve standing long jump performance? Milanović, Dragan and Sporiš, Goran (Eds.): „Integrative Power of Kinesiology“. Zagreb: Faculty of Kinesiology, University of Zagreb, p. 194-197 3. Baković, M., Bašćevan, S. and Antekolović, Lj. (2011). Prediction of high jump 	

results for kinesiology students. Milanović, Dragan and Sporiš, Goran (Eds.): „Integrative Power of Kinesiology“. Zagreb: Faculty of Kinesiology, University of Zagreb, p. 203-206.

4. Antekolović, Lj., **Baković, M.** i Đurković, T. The 3D kinematic efficiency of Usain Bolt's sprinting stride. Balagué, N., Torrents, C., Vilanova, A., Cadefau, J., Tarragó, R., Tsolakidis, E. (Eds.): Book of abstracts of 18th annual Congress of the European College of Sport Science, ECSS Barcelona 2013, p. 520.
5. **Baković, M.** and Antekolović, Lj. 3D kinematic analysis of Croatian women high jump record – 208 cm. Balagué, N., Torrents, C., Vilanova, A., Cadefau, J., Tarragó, R., Tsolakidis, E. (Eds.): Book of abstracts of 18th annual Congress of the European College of Sport Science, ECSS Barcelona 2013, p. 157-158.

Name	Assist. Prof. Dr. Josip Cvenić
E-mail	jcvenic@kifos.hr
Researcher ID	357172
Employment	Faculty of Kinesiology Osijek
Position - title	Assistant Professor
Title, date of last appointment	Assistant Professor, 12 th July 2018
Working experience	2001 - 2007 teacher of Physical Education – Secondary School Valpovo 2007 - 2010 Lecturer, Department of Mathematics 2007- 2020 Faculty of Education in Osijek 2020 - Faculty of Kinesiology Osijek
Education and training	1984 - 1992 Primary School Matija Petar Katančić Valpovo 1992 - 1996 Secondary School Valpovo – Grammar School 1996 - 2002 Faculty of Physical Education, University of Zagreb - Handball 2003 - 2016 Postgraduate Study at the Faculty of Kinesiology in Zagreb, Module: Kinesiology Education 2016 - Changes in health-related fitness in female students University of Osijek under the influence of the experimental theoretical physical education program, PhD Thesis, Faculty of Kinesiology, Zagreb, Croatia
List of publications in the past five years (max. 5)	
<ol style="list-style-type: none"> 1. Cvenić, Josip (2020). Analiza varijabli kondicijskih sposobnosti na razredbenom postupku za upis pristupnika na studij kineziologije u Osijeku // Zbornik radova 18. godišnje međunarodne konferencije Kondicijska priprema sportaša 2020 / Milanović, Luka ; Wertheimer, Vlatka; Jukić, Igor (Eds.). 2. Cvenić, Josip (2019). Contribution to methodology of efficiency evaluation of handball goalkeepers 3. Cvenić Josip; Crnoja Ena (2019) Gender differences in sport and recreational preferences among university students // Book of proceedings International scientific conference Effects of physical activity application to anthropological status with children, adolescents and adults / Rajković, Željko; Mitrović, Darko; Milošević, Vladimir; Miletić, Vladimir (Eds.). 4. Cvenić, Josip (2019). Differences in strength dimensions between students of kinesiology and students of mathematics, 5. Cvenić, Josip (2019). Nastava tjelesne i zdravstvene kulture u fitnessu sa homogeniziranim skupinama studentica // Kondicijska priprema sportaša 2019 / Milanović, Luka; Wertheimer, Vlatka; Jukić, Igor (Eds.). 	
Selected publications (max 5 papers)	

1. Cveni , Josip

A comparison of bioelectrical impedance and skinfold measurements in the assessment of body composition in university // International Scientific Conference Effects of Applying Physical Activity on Anthropological Status of Children, Adolescents and Adults / Suzovi , D. ; Jankovi , N. ; Prebeg, G. ;  osi , M. (Eds.).

2. Cveni , Josip; Bari , Renata

Razlike u intrinzi noj motivaciji studentica u razli itim stadijima promjene ponašanja povezanih s vjeŹbanjem // Hrvatski Źportskomedicinski vjesnik, 31 (2016), 22-28

3. Cveni , Josip; Bari , Renata

Vrijednosti kondicijskih sposobnosti kroz stadije kod studentica // 13.godišnja medunarodna konferencija Kondicijska priprema sportaša 2015 / Juki , Igor ; Gregov, Cvita ; Źajaj, Sanja ; Milanovi , Luka ; Wertheimer, Vlatka (Eds.).

4. Cveni , Josip

The effects of theoretical classes on health related fitness of female students // Efekti primene fizi ke aktivnosti na antropološki status dece, omladine i odraslih / Kasum, Goran ; Mudri , MiloŹ (Eds.).

5. Cveni , Josip; Bari , Renata

Psihometrijske karakteristike hrvatske verzije Upitnika intrinzi ne motivacije za vjeŹbanje (IMI) // Napredak :  asopis za pedagojsku teoriju i praksu, 156 (2015), 3; 341-355

Name	Prof. Dr. Daniela Čačić Kenjeric
E-mail	daniela.kenjeric@ptfos.hr
Researcher ID	85354
Employment	Faculty of Food Technology Osijek
Position - title	Vice-Dean for Education and Students
Title, date of last appointment	Full Professor (2013)
Working experience	<p>2000 - Faculty of Food Technology Osijek, young researcher 2005 - Faculty of Food Technology Osijek, Assistant Professor 2009 - Faculty of Food Technology Osijek, Associate Professor 2013 - Faculty of Food Technology Osijek, Full Professor</p> <p>Since the academic year 2005-2006 in charge of various courses within the study programme <i>Food Technology</i> (BA), graduate studies <i>Food Science and Nutrition</i> and <i>Food Engineering</i>, postgraduate specialist studies <i>Nutrition</i> and <i>Food Safety and Quality</i>, as well as a postgraduate doctoral study in <i>Food Engineering</i>.</p> <p>As an external associate in charge of courses at the following study programmes: professional study programme <i>Physiotherapy</i> (College of Applied Sciences „Lavoslav Ružička“ in Vukovar), <i>Nutrition</i> (Faculty of Technology in Tuzla), undergraduate study <i>Food Technology</i> and graduate study <i>Food Engineering</i> (Faculty of Agriculture and Food Technology in Mostar) and undergraduate study Kinesiology (Faculty of Education in Osijek). She participated in creation of curricula and study programmes at the Faculty of Food Technology Osijek and the Faculty of Agriculture and Food Technology in Mostar.</p> <p>Published 25 A1, 19 A2, 15 A3 papers, one professional paper, 9 papers published in proceedings on national level. As lecturer, speaker and within poster sessions, she took part in more than 60 international and national scientific and professional meetings with more than 80 communications.</p> <p>2008 - Croatian Academy of Engineering, Annual Award to Young Scientist “Vera Johanides”</p> <p>She took part and/or participated in 4 national research projects, 4 international projects, 5 professional projects (as project coordinator in one of the projects).</p> <p>Mentorship: one doctoral thesis, 15 professional papers, 24 graduate theses and more than 50 final theses (undergraduate level).</p>

	<p>Member of scientific organisational committee: In organising 6 international and 8 national research meetings.</p> <p>Member of editorial board of:</p> <ul style="list-style-type: none"> • Croatian Journal of Food Science Technology • Food in Health and Disease.
Education and training	<p>14th Oct. 2010 - Award in Training Skills and Practice Telford College of Arts and Technology (TCAT), Telford, UK.</p> <p>20th July 2004 - Doctor of Science in the scientific area of Biotechnical Sciences, scientific field of Food technology, Faculty of Food Technology, University of Zagreb Croatia.</p> <p>13th June 2000 - MEng in Food Technology, Faculty of Food Technology, University of Osijek, Croatia.</p>
List of publications in the past five years (max. 5)	
<ol style="list-style-type: none"> 1. Strelec, I.; Brodar, L.; Flanjak, I.; Čačić Kenjeric, F.; Kovač, T.; Čačić Kenjeric, D.; Primorac, Lj. Characterisation of Croatian Honeys by Right-Angle Fluorescence Spectroscopy and Chemometrics. <i>Food Analytical Methods</i>. 11(3):824-838, 2018. 2. Flanjak, I.; Jakovljević, M.; Kenjeric, D.; Cvijetić Stokanović, M.; Primorac, Lj.; Bilić Rajs, B. Determination of (2E)-10-hydroxydec-2-enoic acid in Croatian royal jelly by high-performance liquid chromatography. <i>Croatian Journal of Food Science and Technology</i>, 9(2):152-157, 2017. 3. Flanjak, I.; Strelec, I.; Kenjeric, D.; Primorac, Lj. Croatian produced unifloral honeys characterised according to the protein and proline content and enzyme activities. <i>Journal of Apicultural Science</i>. 60(1):39-48, 2016. 4. Paklarčić, M.; Kenjeric, D.; Karakaš, S.; Kukić, E.; Ždralović, N.; Andrić, E. Nourishment status of adolescents in central Bosnia area expressed as body mass index in comparison to percentiles. <i>Food in Health and Disease</i> 5(2): 90-96, 2016. 5. Kenjeric, D.; Nieder, D.; Cvijetić Stokanović, M.; Flanjak, I. Assessment of fermented dairy products adequacy in diet of lactose intolerant persons. <i>Food in Health and Disease</i> 5(1):1-5, 2016. 	
Selected publications (max 5 papers)	
<ol style="list-style-type: none"> 1. Dedić, L.; Vukoja, I.; Jašić, M.; Čačić Kenjeric, D.; Banjari, I. Farmaceutske forme željeza u dodacima prehrani. <i>Hrana u zdravlju i bolesti: Specijalno izdanje povodom 11. simpozija "Štamparovi dani"</i> 11:82-88, 2019. 2. Dumić, A.; Miškulin, I.; Pavlović, N.; Čačić Kenjeric, D.; Orkić, Ž.; Miškulin, M. Attitudes toward nutrition care among general practitioners in Croatia. <i>Journal of Clinical Medicine</i>. 7(4):60, 2018. 3. Kubat, I.; Šabanović, M.; Jašić, M.; Zolotić, T.; Čačić Kenjeric, D. Practices of dietary supplementation among football players. <i>Food in Health and Disease</i> 6(2):48-53, 2017. 4. Fadi Sekošan, B.; Kenjeric, D. Observational cross-sectional study on dietary supplementation among adults in eastern Croatia. <i>Journal of Pharmacy and Nutrition Sciences</i>, 7:41-47, 2017. 5. Dumić, A.; Miškulin, I.; Matić Ličanin, M.; Mujkić, A.; Čačić Kenjeric, D.; Miškulin, M. Nutrition Counselling Practices Among General Practitioners in Croatia. <i>International Journal of Environmental Research and Public Health</i>. 14(12):1499, 2017. 	

Name	Mijo Ćurić, PhD
E-mail	mcuric@kifos.hr
Researcher ID	379222
Employment	Faculty of Kinesiology Osijek
Position - title	Postdoctoral fellow
Title, date of last appointment	23 rd September 2019
Working experience	Faculty of Education in Osijek, Josip Juraj Strossmayer University of Osijek 2019 -2020 Faculty of Kinesiology Osijek, Josip Juraj Strossmayer University of Osijek 2020 -
Education and training	High School „Antun Horvat“ in Đakovo (1996-2000) College of Social Sciences in Zagreb (2000-2004) Faculty of Education, Dpt of Sports and Health, Džemal Bijedić University of Mostar (2006-2009) Faculty of Physical Education and Sport, University of Tuzla, 2nd cycle of higher education (2011-2014) Faculty of Physical Education and Sport, University of Tuzla, 3rd cycle of higher education, PhD study (2015-2018)
List of publications in the past five years (max. 5)	
<p>1. Ćurić, Marija; Ćurić, Mijo; Tomac, Zvonimir Differences in certain kinantropological characteristics of elementary school students and their comparison with CROFIT norms // Sport Scientific And Practical Aspects, 17 (2020), 89-96</p> <p>2. Galić, Tvrtko; Ćurić, Mijo; Biloš, Antun The importance of the promotion of university sport on the faculty level – case analysis: Faculty of Education Osijek 2014 to 2020 // Život i škola : časopis za teoriju i praksu odgoja i obrazovanja, LXVI (2020), 1; 77-86 doi:10.32903/zs.66.1.7</p> <p>3. Ćurić, Mijo Effects of a Programme of Intensive Training of Alpine Skiing Techniques on Some Motor Abilities // SportMont, 18 (2020), 79-82 doi:10.26773/smj.201015</p> <p>4. Vidranski, Tihomir; Bočkaj, Ružica; Ćurić, Mijo Reliability of Croatian version of the questionnaire for assessment of overall level of physical activity of adolescents // Acta kinesiologica, 14 (2020), 66-71</p> <p>5. Ćurić, Mijo; Mujanović, Edin; Nožinović Mujanović, Amra; Atiković, Almir; Mehinović, Jasmin; Nurković, Nermin Effects of program of intensive training of alpine skiing techniques on some morphological characteristics // Sport Scientific And Practical Aspects, International Scientific Journal of Kinesiology, 15 (2018), 1:5-9; 5-9</p>	
Selected publications (max 5 papers)	

1. Cerit M; Dalip, M; Sporis, G; Ćurić, M; Vidranski, T
Evaluation of the Soldier's Physical Fitness Test Results (Strength Endurance) In Relation to ACE Genotype: Longitudinal Study
2. Mujanović, E; Nožinović Mujanović, A; Salihović, A; Šimić, A; Ćurić, M
Differences in students body composition after an outdoor activity program
3. Ćurić, Marija; Ćurić, Mijo; Tomac, Zvonimir
Differences in certain kinantropological characteristics of elementary school students and their comparison with CROFIT norms // Sport Scientific And Practical Aspects, 17 (2020), 89-96
4. Ćurić, Mijo
Effects of a Programme of Intensive Training of Alpine Skiing Techniques on Some Motor Abilities // SportMont, 18 (2020), 79-82 doi:10.26773/smj.201015
5. Ćurić, Mijo; Mujanović, Edin; Nožinović Mujanović, Amra; Atiković, Almir; Mehinović, Jasmin; Nurković, Nermin
Effects of program of intensive training of alpine skiing techniques on some morphological characteristics // Sport Scientific And Practical Aspects, International Scientific Journal of Kinesiology, 15 (2018), 1:5-9; 5-9

Name	Darko Dumančić, LLM
E-mail	darko.dumancic@osijek.hr
Researcher ID	
Employment	The City of Osijek Administration
Position – title	Head, Department of Sport
Title, date of last appointment	Lecturer, 10th September 2014
Working experience	<p>The City of Osijek Administration, Department of Social Affairs, Sports Office, deputy chief (2019 -)</p> <p>The City of Osijek Administration, Department of Social Affairs, Head of Office (2005-2019)</p> <p>Department of Social Affairs, Sports Office, expert associate for sport and youth (2002-2005)</p> <p>Naklada Ljevak - Head of Office and bookstore in Osijek, 2001-2002</p> <p>Naronaplast, Metković-Head of branch office (2000-2001)</p> <p>Trica ugostiteljstvo – business manager (1986-2000)</p>
Education and training	<p>He finished elementary school and high school in Osijek. In 1988, he graduated from the Faculty of Pedagogy, Josip Juraj Strossmayer University of Osijek (MA in Physical Education with electives in skiing and football).</p> <p>He passed the state professional exam at the Central State Administration Office in Zagreb in 2004 and continued his LLL in 2011 as a student of the first generation of postgraduate specialist study <i>Sports Law</i> at the Faculty of Law, University of Split and graduated in 2015(Advanced Master in Sports Law).</p> <p>In 2014 he was appointed lecturer (nominal title) in social sciences, scientific field of Kinesiology, branch of Kinesiology Education.</p>
List of publications in the past five years (max. 5)	
<ol style="list-style-type: none"> 1. Ljudski potencijal u profesionalnim sportskim klubovima - Prva Hrvatska nogometna liga. In: A. Mašek-Tonković (Ed.) <i>Gospodarstvo istočne Hrvatske -vizija i razvoj</i>, Zbornik radova 3. Međunarodnog znanstvenog simpozija <i>Gospodarstvo istočne Hrvatske - vizija i razvoj</i>, Osijek 22- 24 May 2014, p. 195-203. Osijek, Faculty of Economics in Osijek. 2. Economic Role of Sport in Croatia – City of Osijek. <i>Journal of Physical Education and Sports Management</i>, March 2014, Vol. 1, No. 1, pp. 21–31. American Research Institute for Policy Development, 42 Monticello Street, New York, NY 12701, USA. 3. Preoblikovanje nogometnog kluba Osijek u sportsko dioničko društvo. In: A. Mašek-Tonković (Ed.) <i>Gospodarstvo istočne Hrvatske - jučer, danas, sutra</i>, Zbornik radova 2. Međunarodnog znanstvenog simpozija <i>Gospodarstvo istočne Hrvatske - jučer, danas, sutra</i>, Osijek 23 - 25 May 2013, p. 282-291. Osijek, Faculty of Economics in Osijek. 4. Zbornik radova 2. Međunarodnog znanstvenog simpozija "Gospodarstvo istočne Hrvatske - jučer, danas, sutra", Osijek, 2013., in Thomson Reuters Web of Science, EconPapers i EBSCOhost 	

5. Sport u Osijeku - jučer, danas, sutra. In: A. Mašek-Tonković (Ed.) Gospodarstvo istočne Hrvatske - jučer, danas, sutra, Zbornik radova Međunarodnog znanstvenog simpozija Gospodarstvo istočne Hrvatske - jučer, danas, sutra, Osijek 14 – 17 May 2012, p. 280-289. Osijek, Faculty of Economics in Osijek.

Selected publications (max 5 papers)

1. Ljudski potencijal u profesionalnim sportskim klubovima - Prva Hrvatska nogometna liga. U: A. Mašek-Tonković (Ed.) Gospodarstvo istočne Hrvatske - vizija i razvoj, Zbornik radova 3. Međunarodnog znanstvenog simpozija Gospodarstvo istočne Hrvatske - vizija i razvoj, Osijek 22 – 24 May 2014, p. 195-203, Osijek Faculty of Economics in Osijek.

2. Economic Role of Sport in Croatia – City of Osijek. Journal of Physical Education and Sports Management, March 2014, Vol. 1, No. 1, pp. 21–31. American Research Institute for Policy Development, 42 Monticello Street, New York, NY 12701, USA.

3. Preoblikovanje nogometnog kluba Osijek u sportsko dioničko društvo. In: A. Mašek-Tonković (Ed.) Gospodarstvo istočne Hrvatske - jučer, danas, sutra, Zbornik radova 2. Međunarodnog znanstvenog simpozija Gospodarstvo istočne Hrvatske - jučer, danas, sutra, Osijek 23 – 25 May 2013, p. 282-291. Osijek, Faculty of Economics in Osijek

4. Zbornik radova 2. Međunarodnog znanstvenog simpozija "Gospodarstvo istočne Hrvatske - jučer, danas, sutra", Osijek, 2013., in Thomson Reuters Web of Science, EconPapers i EBSCOhost

5. Sport u Osijeku - jučer, danas, sutra. In: A. Mašek-Tonković (Ed.) Gospodarstvo istočne Hrvatske - jučer, danas, sutra, Zbornik radova Međunarodnog znanstvenog simpozija Gospodarstvo istočne Hrvatske - jučer, danas, sutra, Osijek 14 – 17 May 2012, p. 280-289. Osijek: Faculty of Economics in Osijek.

Name	Ivana Duvnjak
E-mail	iduvnjak@kifos.hr
Researcher ID	347564
Employment	Faculty of Kinesiology Osijek, Josip Juraj Strossmayer University of Osijek
Position – title	Assistant in Social Sciences (Psychology)
Title, date of last appointment	MA 1st December 2014
Working experience	<ul style="list-style-type: none"> - Faculty of Kinesiology Osijek - Faculty of Humanities and Social Sciences Osijek - Primary School Mladost - Secondary School (Elektrotehnička i prometna škola Osijek) - Primary School Ivan Filipović Osijek - Primary School Višnjevac - Primary School Ljudevit Gaj Osijek
Education and training	<ul style="list-style-type: none"> - Grammar School (III. gimnazija Osijek, 2002) - Graduate study of Psychology, Faculty of Humanities and Social Sciences Osijek, University of Osijek (2009)
List of publications in the past five years (max. 5)	
<ol style="list-style-type: none"> 1. Šincek, D., Duvnjak, I. and Tomašić Humer, J. (2020). Empathy and gender effects on cyber-violence among Croatian youth. <i>Psihologija</i>, (00), 2-2. https://doi.org/10.2298/PSI190801002S 2. Kotrla Topić, M., Kovačević, M. P. and Duvnjak, I. (2019). A two-point study of parental perception of digital technology in Croatian preschool children. <i>Hrvatska revija za rehabilitacijska istraživanja</i>, 55(2), 1-13. https://doi.org/10.31299/hrri.55.2.1 3. Lagator, I., Šincek, D. and Duvnjak, I. (2018). Roditeljski nadzor i ponašanje djevojčica i dječaka na internetu. <i>Život i škola: časopis za teoriju i praksu odgoja i obrazovanja</i>, 64(1), 89-103. https://doi.org/10.32903/zs.64.1.7 4. Šincek, D., Duvnjak, I. and Milić, M. (2017). Psychological outcomes of cyber-violence on victims, perpetrators and perpetrators/victims. <i>Hrvatska revija za rehabilitacijska istraživanja</i>, 53(2), 98-110. https://doi.org/10.31299/hrri.53.2.8 5. Velki, T. and Duvnjak, I. (2017). Efekti socijalnoga konteksta na povezanost uporabe medija s nekim aspektima razvoja djece. <i>Psihologijske teme</i>, 26(3), 481-508. https://doi.org/10.31820/pt.26.3.1 	
Selected publications (max 5 papers)	

1. Duvnjak, I., Šincek, D. and Matković, M. (2017). What contributes to physical activity among adolescents?. In A. Mašek Tonković (Ed.), *6th International Scientific Symposium Economy of Eastern Croatia-Vision and Growth* (p. 310-317). University of Osijek, Faculty of Economics in Osijek.
2. Velki, T. and Duvnjak, I. (2017). Efekti socijalnoga konteksta na povezanost uporabe medija s nekim aspektima razvoja djece. *Psihologijske teme*, 26(3), 481-508. <https://doi.org/10.31820/pt.26.3.1>
3. Velki, T., Duvnjak, I. and Milić, M. (2016). Dobne i spolne razlike u povezanosti nekih kognitivnih i socio-emocionalnih aspekata razvoja s vršnjačkim nasiljem i viktimizacijom. *Sarajevski dani psihologije: Zbornik radova*, 3(3), 49-65.
4. Ručević, S. i Ivana, D. (2010). Povezanost reaktivne i proaktivne agresije, privrženosti i samopoštovanja adolescenata. *Psihologijske teme*, 19(1), 103-121.

Name	Assist. Prof. Dr. Nikola Foretić
E-mail	nikola.foretic@kifst.hr
Researcher ID	306702
Employment	Faculty of Kinesiology, University of Split
Position - title	Assistant Professor
Title, date of last appointment	Senior Scientific Associate, 15th December 2020.
Working experience	Faculty of Kinesiology, University of Split
Education and training	- Grammar School (Jezična gimnazija, 1994-1998) - The Faculty of Science in Split/ Physical Education/Handball/Fitness training (1998-2004) - PhD study – Faculty of Kinesiology, University of Split (2009 - 2012)
List of publications in the past five years (max. 5)	
<p>1) Foretic, N., Nikolovski, Z., Peric, I., & Sekulic, D. (2020). Testosterone, cortisol and alpha-amylase levels during a handball match; analysis of dynamics and associations. <i>Research in Sports Medicine</i>, 28(3), 360-370.</p> <p>2) Krolo, A., Gilic, B., Foretic, N., Pojskic, H., Hammami, R., Spasic, M., & Sekulic, D. (2020). Agility testing in youth football (soccer) players; evaluating reliability, validity, and correlates of newly developed testing protocols. <i>International journal of environmental research and public health</i>, 17(1), 294.</p> <p>3) Pojskic, H., Pagaduan, J., Uzicanin, E., Separovic, V., Spasic, M., Foretic, N., & Sekulic, D. (2019). Reliability, validity and usefulness of a new response time test for agility-based sports: A simple vs. Complex motor task. <i>Journal of sports science & medicine</i>, 18(4), 623.</p> <p>4) Sekulic, D., Foretic, N., Gilic, B., Esco, M. R., Hammami, R., Uljevic, O., & Spasic, M. (2019). Importance of agility performance in professional futsal players; Reliability and applicability of newly developed testing protocols. <i>International journal of environmental research and public health</i>, 16(18), 3246.</p> <p>5) FORETIĆ, N., ULJEVIĆ, O., Cardinale, M., & SPASIĆ, M. (2018). Match demands of elite preadolescent team handball players: a preliminary study. <i>Medicina dello Sport</i>, 71(2), 190-202</p>	
Selected publications (max 5 papers)	
<p>1) Foretic, N., Rogulj, N., & Papic, V. (2013). Empirical model for evaluating situational efficiency in top level handball. <i>International Journal of Performance Analysis in Sport</i>, 13(2), 275-293.</p> <p>2) Rogulj, N., Foretić, N., Spasić, M., Burger, A., & Čavala, M. (2017). Metrical Characteristics of Newly Constructed Tests for Assessing Specific Motor Abilities in Handball Goalkeepers. In <i>8TH INTERNATIONAL SCIENTIFIC CONFERENCE ON KINESIOLOGY-Proceedings</i> (p. 401).</p> <p>3) Trninić, M., Jeličić, M., & Foretić, N. (2013). Significance and characteristics of the connection between morphological variables and derived indicators of situation-related efficiency in elite junior basketball players for three basic types of players. <i>Collegium antropologicum</i>, 37(2), 45-53.</p> <p>4) Foretic, N., Karnincic, H., & Uljevic, O. (2011). The influence of the wrestling technique on contact efficiency of young male team handball players. <i>Archives of Budo</i>, 7(2).</p>	

Name	Prof. Dr. Gordana Furjan-Mandić
E-mail	gfurjan@kif.hr
Researcher ID	126390
Employment	Faculty of Kinesiology, University of Zagreb
Position - title	Full Professor (tenure)
Title, date of last appointment	28th September 2018
Working experience	<ul style="list-style-type: none"> - Faculty of Kinesiology in Zagreb (1985) - Faculty of Kinesiology, Josip Juraj Strossmayer University of Osijek (external associate) - Faculty of Education – study programme of Kinesiology, Josip Juraj Strossmayer University of Osijek (external associate) - Faculty of Sports, University of Ljubljana (visiting professor) - Faculty of Kinesiology in Split (external associate) - Coach, Club of artistic swimming „Mladost“ (1991-2001), part-time - Coach, RG „Leda“ Zagreb (1985-1991), part-time - Grammar school, Varaždin (1984-1985), teacher of Physical Education
Education and training	<ul style="list-style-type: none"> - Primary school, 1968 -1976 - Grammar School „Gabrijel Santo“, Varaždin: 1976 - 1980 - Faculty of Kinesiology in Zagreb, 1980 - 1984 - MSc in Kinesiology, Faculty of Kinesiology, 1984 -1986
List of publications in the past five years (max. 5)	
<ol style="list-style-type: none"> 1. Furjan-Mandić, G., Katović, D., Bijelić, S., Radaš, J. (2017). An analysis of the judging criteria in rhythmic gymnastics. In D. Milanović, G. Sporiš, S. Šalaj, D. Škegro (Eds.), Proceedings book of 8th International Scientific Conference on Kinesiology, Opatija, 2017, „20th Anniversary“ (pp.698-701). Zagreb: Faculty of Kinesiology. 2. Radaš, J., V. Sesar, G. Furjan-Mandić (2017). Differences between Female Subjects Practicing Pilates and Aerobics. Sport Mont 2017, 15(3), 25-28. 3. Furjan-Mandić G., B. Bilbija, J. Radaš, G. Ivković (2018). Impact of Home Fitness Program on Anthropological Characteristics of Physically Active and Physically Inactive People. Sport Mont 2018, 16(1), 33-36. 4. Radaš, Josipa; Sesar, Vinka; Furjan-Mandić, Gordana Differences between female subjects practicing pilates and aerobics. // Sport Mont Journal, 15 (2017), 3; 25-28 doi:10.26773/smj.2017.10.004 	

5. Radaš, Josipa; Ukić, Marita; Furjan-Mandić, Gordana
Model values of motor abilities of junior rhythmic gymnasts in the Republic of Croatia. // *Kinesiology : International journal of fundamental and applied kinesiology*, 51 (2019), 2; 219-226 doi:10.26582/k.51.2.11

Selected publications (max 5 papers)

1. Furjan-Mandić, G., B. Metikoš (2014). *Vježbe snage u aerobici*. CD-Priručnik. Zagreb: Kineziološki fakultet Sveučilišta u Zagrebu. ISBN-978-953-317-031-2.
2. Zaletel, P., G. Furjan-Mandić (2017). *Aerobika – skupinska vadba ob glasbi*. Sveučilišni udžbenik. Fakulteta za šport v Ljubljani. 236.str. ISBN:978-961-6843-77-5
3. Furjan-Mandić, Gordana; Bilbija, Biljana; Radaš, Josipa; Ivković, Gordana
Impact of home fitness program on anthropological characteristics of physically active and physically inactive people. // *Sport Mont*, 16 (2018), 1; 33-36
doi:10.26773/smj.180207
4. Radaš, Josipa; Sesar, Vinka; Furjan-Mandić, Gordana
Differences between female subjects practicing pilates and aerobics. // *Sport Mont Journal*, 15 (2017), 3; 25-28 doi:10.26773/smj.2017.10.004
5. Furjan-Mandić, Gordana; Zovko, Martina; Pavić, Ana; Žvan, Milan; Kondrič, Milan
Intensity differences of interval treading between aerobics and spinning. // *Gymnasium: Scientific Journal of Education, Sports, and Health*, XIII (2012), 1; 210-219. (<https://www.bib.irb.hr/931607>)

Name	Assist. Prof. Dr. Tvrтко Galić
E-mail	tvrtko.galic@kifos.hr
Researcher ID	380583
Employment	Faculty of Kinesiology Osijek
Position - title	Assistant Professor, March 2021
Title, date of last appointment	11 th March 2020
Working experience	2020 – Postdoctoral fellow Faculty of Kinesiology Osijek, Osijek (Croatia) 2018–2020 expert associate Faculty of Education Osijek, Osijek (Croatia) 2014–2017 Sales manager for small and medium business entrepreneurs, Vipnet d.d., Osijek (Croatia) 2007–2014 Key account manager Optima Telekom d.d., Osijek (Croatia) 2005–2007 Administrator in Hrvatski Telekom d.d., Osijek (Croatia)
Education and training	2015–2019 PhD, Faculty of Economics in Osijek, Osijek (Croatia) PhD study <i>Management</i> 2012–2015 Advanced Master Study in Economics, Faculty of Economics in Osijek, Osijek (Croatia), postgraduate professional study: Marketing of special areas 1999–2007 MEcon., Faculty of Economics in Osijek, Osijek (Croatia), graduate study in Marketing management 1995–1999 Grammar school (III. Gimnazija, matematička gimnazija) Osijek, Osijek (Croatia)
List of publications in the past five years (max. 5)	
<ol style="list-style-type: none"> 1. Tuševski, Biljana; Galić, Tvrтко; Tomac, Zvonimir: „CREATING INFRASTRUCTURE CONDITIONS AS THE BASIS OF DIGITAL TRANSFORMATION OF SPORTS ORGANIZATIONS MANAGEMENT IN CROATIA // Interdisciplinary Management Research XVI / Barković, Dražen; Crnković, Boris; Zekić Sušac, Marijana; Dernoscheg, Karl-Heinz; Pap, Norbert; Runzheimer, Bodo; Wentzel, Dirk (Eds.). Opatija: Josip Juraj Strossmayer University of Osijek, Faculty of Economics in Osijek, Postgraduate doctoral study programme in Management, Hochschule Pforzheim University, Croatian Academy of Sciences and Arts, 2020., p. 912-931; ISSN 1847-0408 – A1 2. Galić, Tvrтко; Tomac, Zvonimir; Maleš, Dražen: „DIGITAL TRANSFORMATION OF ACADEMIC SPORTS IN THE ROLE OF RAISING THE QUALITY OF UNIVERSITY EDUCATION – CASE STUDY OF FACULTY OF EDUCATION OSIJEK 2014–2019// 9th International Scientific Symposium „Region, Entrepreneurship, Development” / Leko Šimić, Mirna; Crnković, Boris (Eds.) Osijek: Josip Juraj Strossmayer University of Osijek, Faculty of Economics in Osijek, Croatia; Croatian Academy of Sciences and Arts, Croatia; University in Maribor, Faculty of Economics and Business, Slovenia; University in Tuzla, Faculty of Economics 	

- in Tuzla, Bosnia and Hercegovina, 2020., p. 183-192 ; ISSN: 1848-9559; A1
3. Galić, Tvrtko; Tuševski, Biljana: „ECONOMIC IMPACTS OF RECREATIONAL RUNNING POPULARIZATION IN THE REPUBLIC OF CROATIA// 8th International scientific symposium Economy of Eastern Croatia – Vision and Growth / Leko Šimić, Mirna; Crnković, Boris (Eds.). Osijek: Josip Juraj Strossmayer University of Osijek, Faculty of Economics in Osijek, Croatia; Croatian Academy of Sciences and Arts, Croatia; University in Maribor, Faculty of Economics and Business, Slovenia; University in Tuzla, Faculty of Economics in Tuzla, Bosnia and Hercegovina, 2019., p. 706-719 ; ISSN: 1848-9559; A1
 4. Galić, Tvrtko; Maleš, Dražen; Šmit, Marija: „THE ROLE OF SOCIAL NETWORKS IN THE MANAGEMENT OF SPORTS NONPROFIT ORGANIZATIONS – CASE STUDY OF FUTSAL CLUBS IN EASTERN CROATIA // Interdisciplinary Management Research XV / Barković, Dražen; Crnković, Boris; Zekić Sušac, Marijana; Dermoscheg, Karl-Heinz; Pap, Norbert; Runzheimer, Bodo; Wentzel, Dirk (Eds.) Opatija: Josip Juraj Strossmayer University of Osijek, Faculty of Economics in Osijek, Postgraduate doctoral Study Programme in Management, Hochschule Pforzheim University, Croatian Academy of Sciences and Arts, 2019., p. 145-165; ISSN 1847-0408 – A1
 5. Galić, Tvrtko; Požega, Željko: „UTJECAJ DIGITALNE TRANSFORMACIJE NA SVAKODNEVNO UPRAVLJANJE SPORTSKIM ORGANIZACIJAMA U REPUBLICI HRVATSKOJ“Acta Kineziologica 14, 2 (2020); accepted for publishing (ISSN 1840-2976 e-ISSN 1840-3700; UDK 796; A1)

Selected publications (max 5 papers)

1. Tuševski, Biljana; Galić, Tvrtko; Tomac, Zvonimir: „CREATING INFRASTRUCTURE CONDITIONS AS THE BASIS OF DIGITAL TRANSFORMATION OF SPORTS ORGANIZATIONS MANAGEMENT IN CROATIA // Interdisciplinary Management Research XVI / Barković, Dražen; Crnković, Boris; Zekić Sušac, Marijana; Dermoscheg, Karl-Heinz; Pap, Norbert; Runzheimer, Bodo; Wentzel, Dirk (Eds.). Opatija: Josip Juraj Strossmayer University of Osijek, Faculty of Economics in Osijek, Postgraduate doctoral study programme in Management, Hochschule Pforzheim University, Croatian Academy of Sciences and Arts, 2020., p. 912-931; ISSN 1847-0408 – A1
2. Galić, Tvrtko; Tomac, Zvonimir; Maleš, Dražen: „DIGITAL TRANSFORMATION OF ACADEMIC SPORTS IN THE ROLE OF RAISING THE QUALITY OF UNIVERSITY EDUCATION – CASE STUDY OF FACULTY OF EDUCATION OSIJEK 2014–2019// 9th International Scientific Symposium „Region, Entrepreneurship, Development” / Leko Šimić, Mirna; Crnković, Boris (Eds.). Osijek: Josip Juraj Strossmayer University of Osijek, Faculty of Economics in Osijek, Croatia; Croatian Academy of Sciences and Arts, Croatia; University in Maribor, Faculty of Economics and Business, Slovenia; University in Tuzla, Faculty of Economics in Tuzla, Bosnia and Hercegovina, 2020., p. 183-192 ; ISSN: 1848-9559; A1
3. Galić, Tvrtko; Tuševski, Biljana: „ECONOMIC IMPACTS OF RECREATIONAL RUNNING POPULARIZATION IN THE REPUBLIC OF CROATIA// 8th International scientific symposium Economy of eastern Croatia – Vision and Growth / Leko Šimić, Mirna; Crnković, Boris (Eds.). Osijek: Josip Juraj

Strossmayer University of Osijek, Faculty of Economics in Osijek, Croatia; Croatian Academy of Sciences and Arts, Croatia; University in Maribor, Faculty of Economics and Business, Slovenia; University in Tuzla, Faculty of Economics in Tuzla, Bosnia and Hercegovina, 2019., p. 706-719 ; ISSN: 1848-9559; A1

4. Galić, Tvrtko; Maleš, Dražen; Šmit, Marija: „THE ROLE OF SOCIAL NETWORKS IN THE MANAGEMENT OF SPORTS NONPROFIT ORGANIZATIONS – CASE STUDY OF FUTSAL CLUBS IN EASTERN CROATIA // Interdisciplinary Management Research XV / Barković, Dražen; Crnković, Boris; Zekić Sušac, Marijana; Dernoscheg, Karl-Heinz; Pap, Norbert; Runzheimer, Bodo; Wentzel, Dirk (Eds.) Opatija: Josip Juraj Strossmayer University of Osijek, Faculty of Economics in Osijek, Postgraduate doctoral study programme in Management, Hochschule Pforzheim University, Croatian Academy of Sciences and Arts, 2019., p. 145-165; ISSN 1847-0408 – A1
5. Galić, Tvrtko; Požega, Željko: „UTJECAJ DIGITALNE TRANSFORMACIJE NA SVAKODNEVNO UPRAVLJANJE SPORTSKIM ORGANIZACIJAMA U REPUBLICI HRVATSKOJ“ Acta Kineziologica 14, 2 (2020) accepted for publishing (ISSN 1840-2976 e-ISSN 1840-3700; UDK 796; A1

Name	Assoc. Prof. Dr. Vjekoslav Galzina
E-mail	vgalzina@kifos.hr
Researcher ID	263673
Employment	Faculty of Kinesiology Osijek, Faculty of Education, Josip Juraj Strossmayer University of Osijek
Position – title	Associate Professor
Title, date of last appointment	Senior Scientific Associate, 4 th July 2018
Working experience	Faculty of Kinesiology Osijek Faculty of Education Osijek College of Applied Sciences in Slavonski Brod Faculty of Mechanical Engineering in Slavonski Brod Đuro Đaković Elektromont d.d. Slavonski Brod
Education and training	Doctoral study <i>Contemporary production management</i> , Faculty of Mechanical Engineering in Slavonski Brod Postgraduate Master study; <i>Production Systems</i> , Faculty of Mechanical Engineering in Slavonski Brod Graduate study, Faculty of Mechanical Engineering in Slavonski Brod Grammar School (Matematička gimnazija, Gimnazija Matija Mesić, Slavonski Brod)
List of publications in the past five years (max. 5)	
<p>1. Berbić Kolar, Emina; Galzina, Vjekoslav: Digitization project of intangible cultural heritage in Slavonia, Baranya and Syrmia // 4. International Mediterranean Symposium / Durmuş, Ali Arslan ; Radik, Galiullin ; Obidjon, Sofiyev ; Eldar, Nabiyeviç (Eds.). Mersin: Mer-Ak Mersin Akademi Yayınları / Mer-Ak Publishing House, 2020</p> <p>2. Galzina, Vjekoslav: Poboľšanja neuralnim i mehaničkim implantatima – pitanja u sportu i šire // 3rd Osijek days of Bioethics / Kelam, Ivica (Ed.). Osijek: Faculty of Education, Josip Juraj Strossmayer University of Osijek, 2019</p> <p>3. Galzina, Vjekoslav; Berbić Kolar, Emina; Lujić, Roberto: Knowledge extraction and integration by means of Fuzzy Logic paradigm in Process Control. // 7th International Scientific Symposium Economy of Eastern Croatia - vision and growth / Mašek Tonković, A. ; Crnković, B. (Eds.). Osijek: Faculty of Economics in Osijek, 2018</p> <p>4. Galzina, Vjekoslav; Mirković, Valentina: Pitanje korištenja sučelja čovjek–računalo u tehničkom i informatičkom obrazovanju // 2. OSJEČKI DANI BIOETIKE / Jurić, Hrvoje (Ed.). Zagreb: Hrvatsko bioetičko društvo, 2018</p> <p>5. Galzina, Vjekoslav; Klaričić, Ivana; Lujić, Roberto: Recording human locomotion control using non-invasive electroencephalography. // Movement in Human Life and Health / Baić, M. et al. (Eds.). Poreč: Faculty of Kinesiology, University of Zagreb, Croatia; Faculty of Sport and Physical Education, University of Novi Sad, Serbia, 2018</p>	
Selected publications (max 5 papers)	

1. Galzina, Vjekoslav; Lujić Roberto: Sučelje računalo-mozak: prošlost, sadašnjost i budućnost // Transhumanizam - kraj čovjeka? / Rupčić Kelam, Darija (Ed.). Osijek: Faculty of Humanities and Social Sciences, Josip Juraj Strossmayer University of Osijek, 2020
2. Galzina, Vjekoslav; Berbić Kolar, Emina; Lujić, Roberto: Knowledge extraction and integration by means of Fuzzy Logic paradigm in Process Control. // 7th International Scientific Symposium Economy of Eastern Croatia - vision and growth / Mašek Tonković, A.; Crnković, B. (Eds.). Osijek: Faculty of Economics in Osijek, 2018
3. Galzina, Vjekoslav; Mirković, Valentina: Pitanje korištenja sučelja čovjek –računalo u tehničkom i informatičkom obrazovanju // 2. OSJEČKI DANI BIOETIKE / Jurić, Hrvoje (Ed.). Zagreb: Hrvatsko bioetičko društvo, 2018
4. Galzina, Vjekoslav; Klaričić, Ivana; Lujić, Roberto: Recording human locomotion control using non-invasive electroencephalography. // Movement in Human Life and Health / Baić, M. et al. (Eds.). Poreč: Faculty of Kinesiology, University of Zagreb, Croatia; Faculty of Sport and Physical Education, University of Novi Sad, Serbia, 2018
5. Galzina, Vjekoslav; Lujić, Roberto, Brain computer interface in short training tasks. // 42nd Annual ATEE Conference 2017 Book of Abstracts / Sablić, M. ; Skugor A. ; Durdevic Babic, I. (Eds.), Dubrovnik: Faculty of Education, Josip Juraj Strossmayer University of Osijek and Association for Teacher Education in Europe (ATEE), 2017

Name	Assist. Prof. Dr. Andela Grgić (né Marić)
E-mail	agrgic@fdmz.hr
Researcher ID	334740
Employment	Faculty of Dental Medicine and Health Osijek
Position - title	Assistant Professor
Title, date of last appointment	Assistant Professor, 1 st July 2018, Faculty of Dental Medicine and Health Osijek, Josip Juraj Strossmayer University of Osijek
Working experience	<p>1st July 2018 – Assistant Professor, Chair for Anatomy, Histology, Embryology, Pathological Anatomy and Pathological Histology, Faculty of Dental Medicine and Health Osijek, Josip Juraj Strossmayer University of Osijek</p> <p>external associate, in Clinical Medicine I and Clinical Medicine II, College of Applied Sciences „Lavoslav Ružička“ in Vukovar</p> <p>member of the Committee for graduation papers, Faculty of Dental Medicine and Health Osijek</p> <p>coordinating teachers and organizing courses in Anatomy, for the following study programmes: Medicine, Dental Medicine, Physiotherapy, Nursing, Dental Hygiene, Biology; in charge of several vocational courses for university undergraduate and graduate study of Physiotherapy (Anatomy with Histology, Biomechanics, Clinical Kinesiology, Introduction to Physiotherapy, Bioenergetics of Movement and Environmental Influences, Physiotherapy of the Musculoskeletal System, Evidence-based Physiotherapy)</p> <p>24th July 2017 – 30th June 2018 Postdoctoral fellow, Chair for Anatomy, Histology, Embryology, Pathological Anatomy and Pathological Histology, Faculty of Dental Medicine and Health Osijek, Josip Juraj Strossmayer University of Osijek</p> <p>Chair for Anatomy and Neuroscience, Faculty of Medicine, Josip Juraj Strossmayer University of Osijek 1st March 2012 – June 2017 Assistant (nominal title)</p> <p>Chair for Anatomy and Neuroscience, Faculty of Medicine, Josip Juraj Strossmayer University of Osijek 3rd October 2010 – 4th October 2011 intern, Clinical Hospital Osijek</p>
Education and training	<p>November 2019 - June 2020 Course in Bowen therapy, Ergovita, Osijek professional training in the field of Physical medicine and rehabilitation, certified Bowen therapist</p>

1st July 2014 – 4th October 2019
professional training in Physical Medicine and Rehabilitation,
Faculty of Dental Medicine and Health Osijek, Josip Juraj
Strossmayer University of Osijek
specialisation (MD) in Physical Medicine and Rehabilitation

1st October 2017 – June 2019
Postgraduate professional study in Physical Medicine and
Rehabilitation, Faculty of Medicine in Zagreb, as a part of
specialisation in Physical Medicine and Rehabilitation

January 2013 - June 2013
pedagogical-psychological and didactic-methodological
training, Faculty of Education, Josip Juraj Strossmayer
University of Osijek

November 2010 - April 2017
Postgraduate doctoral study Biomedicine and Health
Faculty of Medicine, Josip Juraj Strossmayer University of
Osijek
Doctor of Science, Doctoral thesis defended on 6th April 2017,
„Effects of between generations changes in nutrition type on
reproductive cycle in female Sprague Dawley rat“, mentored
by Professor Robert Selthofer

October 2004 - June 2010
Integrated university study of Medicine, MD
Faculty of Medicine, Josip Juraj Strossmayer University of
Osijek

September 2000 - May 2004
Grammar School (I. Gimnazija Osijek, Sport Department)

September 1992 - June 2010
Primary school „Mladost“, Osijek

List of publications in the past five years (max. 5)

1. Ilic, Ivana; Orsolice, Nada; Rodak, Edi; Odeh, Dyana; Lovric, Marko; Mujkic, Robert; Delas Azdajic, Marija; **Grgic, Andela**; Tolusic Levak, Maja; Vargek, Martin et al.
The effect of high-fat diet and 13-cis retinoic acid application on lipid profile, glycemic response and oxidative stress in female Lewis rats // PLoS One, 15 (2020), 9; 0238600, 25 doi:10.1371/journal.pone.0238600
2. Lešić, Davor; **Grgić, Andela**; Marić, Svjetlana
Vježbanje i kvaliteta života kod žena starije dobi. // Physiotherapia Croatica, 18 (2020), 167-172
3. Šnajder, Darija; Perić Kačarević, Željka; **Grgić, Andela**; Bijelić, Nikola; Fenrich, Matija; Belovari, Tatjana; Radić, Radivoje
Effect of different combination of maternal and postnatal diet on adipose tissue morphology in male rat offspring. // Journal of maternal-fetal & neonatal medicine, 32 (2019), 11; 1838-1846 doi:10.1080/14767058.2017.1419181
4. Perić Kačarević, Željka; **Grgić, Andela**; Šnajder, Darija; Bijelić, Nikola; Belovari,

Tatjana; Cvijanović, Olga; Blažičević, Valerija; Radić, Radivoje
Different combinations of maternal and postnatal diet are reflected in changes of hepatic parenchyma and hepatic TNF-alpha expression in male rat offspring. // Acta Histochemica, 119 (2017), 7; 719-726 doi:10.1016/j.acthis.2017.09.003

5. **Marić, Anđela**; Perić Kačarević, Željka; Čekić, Nenad; Šerić, Vatroslav; Radić, Radivoje
Effects of between generations changes in nutrition type on vaginal smear and serum lipids in Sprague–Dawley rats. // Journal of maternal-fetal & neonatal medicine, 29 (2016), 9; 1491-1497 doi:10.3109/14767058.2015.1051957

Selected publications (max 5 papers)

1. Lešić, Davor; **Grgić, Anđela**; Marić, Svjetlana
Vježbanje i kvaliteta života kod žena starije dobi. // Physiotherapia Croatica, 18 (2020), 167-172
2. Šnajder, Darija; Perić Kačarević, Željka; **Grgić, Anđela**; Bijelić, Nikola; Fenrich, Matija; Belovari, Tatjana; Radić, Radivoje
Effect of different combination of maternal and postnatal diet on adipose tissue morphology in male rat offspring. // Journal of maternal-fetal & neonatal medicine, 32 (2019), 11; 1838-1846 doi:10.1080/14767058.2017.1419181
3. Kadojić, Mira; Kadojić, Dragutin; Schnurrer-Luke- Vrbanić, Tea; Čalošević, Suzana; **Marić, Anđela**
Izvori i obilježja mišićno-koštane boli u osoba starije dobi. // Fizikalna i rehabilitacijska medicina, 28 (2016), 84-95.
4. Perić Kačarević, Željka; Šnajder, Darija; **Marić, Anđela**; Bijelić, Nikola; Cvijanović, Olga; Domitrović, Robert; Radić, Radivoje
High-fat diet induced changes in lumbar vertebra of the male rat offsprings. // Acta Histochemica, 118 (2016), 7; 711-721 doi:10.1016/j.acthis.2016.08.002
5. **Marić, Anđela**; Perić Kačarević, Željka; Selthofer, Robert
Changes in nutrition type between generations influence on bone structural changes in rat female offspring. // Periodicum biologorum, 117 (2015), 65-72.

Name	Assist. Prof. Dr. Ivica Kelam
E-mail	ivica.kelam@kifos.hr
Researcher ID	350914
Employment	Faculty of Kinesiology
Position - title	Assistant Professor
Title, date of last appointment	Senior Scientific Associate, 11 th January 2021
Working experience	2020 - Assistant Professor, Faculty of Kinesiology 2016 - Assistant Professor, Faculty of Education 2014 - 2016 Lecturer at the Evangelical Theological Seminary, Osijek 2014 - 2015 Grammar School (I. Gimnazija Osijek) 2004 - 2011 Primary School "Šećerana" Šećerana 2003 - 2004 Primary School "August Cesarec" Ivankovo 2001 - 2003 Secondary School (Srednja obrtnička škola Osijek) 2000 - 2001 Secondary School Valpovo
Education and training	2011 - 2014 PhD, Faculty of Humanities and Social Sciences, University of Zagreb 1994 - 1999 Faculty of Theology in Đakovo 1991 - 1994 Grammar School (Nadbiskupska klasična gimnazija) Zagreb 1990 - 1991 Grammar School (Gimnazija Matija Antun Reljković) Vinkovci 1982 - 1990 Primary School, Otok
List of publications in the past five years (max. 5)	
<ol style="list-style-type: none"> 1. „Uloga i značenje međunarodnih trgovinskih ugovora u poimanju prostora na primjeru trgovinskog sporazuma NAFTA“, <i>Filozofska istraživanja</i>, 149, 38 (2018) Sv. 1., p. 147-160 2. Ivica Kelam, Tomislav Nedić, „Violence as a Bioethical Issue in Sport“, <i>Pannoniana</i>, Vol 4, No. 1., p. 205-229 3. Darija Rupčić Kelam, Ivica Kelam, The Mythical Pursuit of Happiness – a Mirage of Happiness. A Brief Overview of the Philosophy of Happiness, <i>Synthesis philosophica</i>, Vol. 35 No. 1, 2020., p. 79-95 4. Investor to State Dispute Settlement. A Challenge for Democracy, Ethics, the Environment, and the Rule of Law, <i>Synthesis philosophica</i>, Vol. 34 No. 1, 2019., p. 759-71 5. The Applicability of the Socrates Method of Education in Education Today, <i>Pannoniana</i>, Vol 3, No. 1-2., p. 137-167 	
Selected publications (max 5 papers)	

1. „Uloga i značenje međunarodnih trgovinskih ugovora u poimanju prostora na primjeru trgovinskog sporazuma NAFTA“, *Filozofska istraživanja*, 149, 38 (2018) Sv. 1., p. 147-160
2. Ivica Kelam, Tomislav Nedić, „Violence as a Bioethical Issue in Sport“, *Pannoniana*, Vol 4, No. 1., p. 205-229
3. Darija Rupčić Kelam, Ivica Kelam, *The Mythical Pursuit of Happiness – a Mirage of Happiness. A Brief Overview of the Philosophy of Happiness*, *Synthesis philosophica*, Vol. 35 No. 1, 2020., p. 79-95
4. *Investor to State Dispute Settlement. A Challenge for Democracy, Ethics, the Environment, and the Rule of Law*, *Synthesis philosophica*, Vol. 34 No. 1, 2019, p. 759-71
5. *The Applicability of the Socrates Method of Education in Education Today*, *Pannoniana*, Vol 3, No. 1-2., p. 137-167

Name	Ivana Klaričić, PhD
E-mail	ivana.klaricic@kifos.hr
Researcher ID	348883
Employment	Faculty of Kinesiology Osijek, Josip Juraj Strossmayer University of Osijek
Position – title	Postdoctoral fellow in Kinesiology
Title, date of last appointment	Postdoctoral fellow, 17 th December 2020
Working experience	Faculty of Education, University of Osijek (6/2015-8/2020), Assistant in Kinesiology Education MOK „Brod“ in Slavonski Brod, assistant volleyball coach (9/2008 - 9/2018) Primary School „Hugo Badalić“ in Slavonski Brod, teacher of Physical Education (3/2013 - 6/2015) Primary School „Ivan Goran Kovačić“ in Slavonski Brod, teacher of Physical Education (5/2011 - 6/2011) Primary School „Ivan Mažuranić“ in Sibenj, teacher of Physical Education (1/2011 - 3/2011) Secondary School of Economics in Slavonski Brod, teacher of Physical Education (9/2009 - 12/2010) Primary School Okučani, Okučani, teacher of Physical Education (5/2009 - 7/2009)
Education and training	PhD in Social Sciences, scientific area of Kinesiology - Kinesiology of Sports, Faculty of Kinesiology in Zagreb (5/2015) MA in Physical Education, professional qualification in volleyball activities, Faculty of Kinesiology University of Zagreb (12/2008)
List of publications in the past five years (max. 5)	
<ol style="list-style-type: none"> 1. Klaričić, I., Vidranski, T., & Cvitanović, M. (2020). Differences in Physical Activity Level Between 3rd and 4th Grade Pupils of Elementary School. <i>Sports Science And Health</i>, 20(2), 102-107 2. Klaričić, I., Grgantov, Z., & Milić, M. (2018). Attack and counterattack efficiency in elite male volleyball. In D. Škegro (Ed.), <i>Proceedings of the XII World Congress of Performance Analysis of Sport, Opatija, Sempember 19 – 23, 2018.</i> (pp. 177 – 183). Zagreb: Faculty of Kinesiology, University of Zagreb. 3. Klaričić, I., Grgantov, Z., & Jelaska, I. (2018). Prediction of efficiency in elite volleyball: Multiple regression approach. <i>Acta Kinesiologica</i>, 12(1): 79 – 85 	
Selected publications (max 5 papers)	

1. Klaričić, I., Vidranski, T., & Cvitanović, M. (2020). Differences in Physical Activity Level Between 3rd and 4th Grade Pupils of Elementary School. *Sports Science And Health*, 20(2), 102-107
2. Klaričić, I., Grgantov, Z., & Milić, M. (2018). Attack and counterattack efficiency in elite male volleyball. In D. Škegro (Ed.), *Proceedings of the XII World Congress of Performance Analysis of Sport*, Opatija, September 19 – 23, 2018. (pp. 177 – 183). Zagreb: Faculty of Kinesiology, University of Zagreb.
3. Klaričić, I., Grgantov, Z., & Jelaska, I. (2018). Prediction of efficiency in elite volleyball: Multiple regression approach. *Acta Kinesiologica*, 12(1): 79 – 85
4. Horvat, K., Vidranski, T., Klaričić, I., Tomac, Z., & Cvenić J. (2015). A total weekly difference in Physical Education class activities between 3rd and 4th grade pupils of elementary school. *Proceedings book of the 4th International Scientific Conference in Kinesiology „Effects of physical activity application to anthropological status with children, youth and adults“*, Beograd, 11 – 12 December 2015. Beograd: Faculty of Sport and Physical Education.
5. Klaričić, I. (2015). Razlike u repetitivnoj snazi i eksplozivnoj snazi tipa skoka između učenika 5. i 6. razreda iste kronološke dobi. In I. Prskalo (Ed.), *Konferencija Učiteljskog fakulteta Sveučilišta u Zagrebu “Istraživanja paradigmi djetinjstva, odgoja i obrazovanja“*, Opatija, 13 – 15 April 2015 (p. 146 – 152). Zagreb: Faculty of Education, University of Zagreb.

Name	Assoc. Prof. Dr. Tomislav Krističević
E-mail	tomislav.kristicevic@kif.hr
Researcher ID	224995
Employment	Faculty of Kinesiology, University of Zagreb
Position - title	Associate Professor
Title, date of last appointment	Associate Professor, 2017
Working experience	<p>From 1st July 1997 employed as junior assistant in Sports Gymnastics at the Faculty of Kinesiology, University of Zagreb, as well as associate in the elective Acrobatics. As an associate, he participates in conducting fieldwork in Skiing at the university study of Kinesiology and at the professional study of coach education at the Faculty of Kinesiology, University of Zagreb. He was Head of Study programme for education in sports gymnastics and table tennis coaches at the Social Polytechnic, Department of Coach Education.</p> <p>He is in charge of the programme of Acrobatic Rock 'n' Roll and Bowling at the Professional Training Centre for Coaches. From 1998 to 2001 he served as external associate in Physical Education course, Teachers' Academy of the University of Zagreb.</p> <p>In 2011, he was appointed Assistant Professor in Sports Gymnastics at the university study of Kinesiology.</p>
Education and training	<p>Primary and secondary education (Kemijsko tehnološki obrazovni centar) completed in Zagreb. Faculty of Physical Education enrolled in 1990 and graduated in 1997. He was appointed one of the top five students in the generation. At the same Faculty he enrolled postgraduate study and obtained MSc degree in 2001, the thesis title: Usporedna analiza nekih kinematičkih parametara izvedbe salta naprijed u različitim sportovima. He obtained PhD degree in 2009, the Thesis title: Kinematička efikasnost izvođenja zgrčenog salta u akrobatskom rock 'n' rollu.</p>
List of publications in the past five years (max. 5)	
<ol style="list-style-type: none"> 1. Sporiš, Goran; Harasin, Dražen; Baić, Mario; Krističević, Tomislav; Krakan, Ivan; Milanović, Zoran; Čular, Dražen; Bagarić- Krakan, Lucija. Effects of Two Different 5 Weeks Training Programmes on the Physical Fitness of Military Recruits. // Collegium antropologicum. 38 (2014) , S2; 157-164. 2. Sporiš, Goran; Harasin, Dražen; Baić, Mario; Krističević, Tomislav; Krakan, Ivan; Milanović, Zoran; Čular, Dražen; Bagarić-Krakan, Lucija. Effects of Basic Fitness Parameters on the Implementation of Specific Military Activities. // Collegium antropologicum. 38 (2014) , S2; 165-171. 	

3. Živčić Marković, Kamenka; Stibilj Batinić, Tatjana; Krističević, Tomislav. Ispitivanje dominantne lateralnosti izvedbe stoja na rukama studentica kineziološkog fakulteta. // Hrvatski športskomedicinski vjesnik. 29 (2014) , 1; 3-10.
4. Cigrovski, Vjekoslav; Malec, Lorena; Radman, Ivan; Prlenda, Nikola; Krističević, Tomislav. Znanje o prehrani i prehrambene navike mladih sportaša i njihovih savjetnika. // Hrvatski športskomedicinski vjesnik. 27 (2012) , 1; 28-33.
5. Cigrovski, Vjekoslav; Matković, Bojan; Krističević, Tomislav. Antropološke karakteristike kao osnova za selekciju u alpskom skijanju. // Hrvatski športskomedicinski vjesnik. 21 (2006) , 2; 102- 106.

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1. Krističević, Tomislav; Delija, Krešimir; Horvat, Vatroslav. Usporedbe nekih antropometrijskih karakteristika djece predškolske dobi s obzirom na spol. // Napredak - Časopis za pedagoškijsku teoriju i praksu. 140 (1999) , 3; 349-355.
2. Živčić Marković, Kamenka; Stibilj Batinić, Tatjana; Krističević, Tomislav. Kinesiological prevention in preschool and early school education. // Hrvatski športskomedicinski vjesnik. 27 (2012) , 2; 108- 114.
3. Štemberger, Vesna; Knjaz, Damir; Krističević, Tomislav. Comparison of free time between children in Croatia and children in Slovenia with emphasis on sport activities // 4th International Scientific Conference on Kinesiology, Science and Profession - Challenge for the Future / Milanović, Dragan ; Prot, Franjo (Ed.). Zagreb: Kineziološki fakultet Sveučilišta u Zagrebu, 2005. 324-327.
4. Krističević, Tomislav; Živčić Marković, Kamenka; Fišter, Marija; Milčić, Lucija. Učenje visova i upora na penjalicama – dječjim igralištima // 24. ljetna škola kineziologa Republike Hrvatske / Findak, Vladimir (Ed.). Zagreb : Hrvatski kineziološki savez, 2015. 251-258.
5. Matković, Bojan; Matković, Branka, Knjaz, Damir; Krističević, Tomislav; Blašković, Milan. Morfološke karakteristike košarkaša juniora // 2. međunarodna znanstvena konferencija "kineziologija za 21. stoljeće" / Milanović, Dragan (Ed.). Zagreb : Fakultet za fizičku kulturu, 1999. 412-415.

Name	Prof. Dr. Saša Krstulović
E-mail	sasa@kifst.hr
Researcher ID	254265
Employment	Faculty of Kinesiology, University of Split
Position - title	
Title, date of last appointment	Full Professor, 17 th December 2015
Working experience	Faculty of Kinesiology, University of Split
Education and training	Secondary School (Srednja elektrotehnička škola u Splitu) 1992-1996) Faculty of Science Split (1996-2000) Postgraduate doctoral study at the Faculty of Kinesiology, University of Zagreb (2002 – 2006)
List of publications in the past five years (max. 5)	
<ol style="list-style-type: none"> 1. Krstulović, S., De Giorgio, A., DelCastilo Andres, O., Franchini, E., & Kuvačić, G. (2021). Effects of Contextual Interference on Learning of Falling Techniques. <i>Motor Control</i>, 25(1), 117-135. 2. Drid, P., Krstulovic, S., Erceg, M., Trivic, T., Stojanovic, M., & Ostojic, S. (2019). The effect of rapid weight loss on body composition and circulating markers of creatine and circulating markers of creatine metabolism in judokas. <i>Kinesiology</i>, 51(2), 10-13. 3. Dugonjić, B., Krstulović, S., & Kuvačić, G. (2019). Rapid Weight Loss Practices in Elite Kickboxers. <i>International Journal of Sport Nutrition and Exercise Metabolism</i>, 29(6), 583-588. 4. Krstulović, S., Kuvačić, G., Erceg, M., & Franchini, E. (2019). Reliability and validity of the new judo physical fitness test. <i>IDO MOVEMENT FOR CULTURE. Journal of Martial Arts Anthropology</i>, 19(2), 41-55. 5. Kuvačić, G., Krstulović, S., & Đapić Caput, P. (2017). Factors determining success in youth judokas. <i>Journal of Human Kinetics</i>, 56, 207-2017. 	
Selected publications (max 5 papers)	
<ol style="list-style-type: none"> 1. Krstulović, S., De Giorgio, A., DelCastilo Andres, O., Franchini, E., & Kuvačić, G. (2021). Effects of Contextual Interference on Learning of Falling Techniques. <i>Motor Control</i>, 25(1), 117-135. 2. Drid, P., Krstulovic, S., Erceg, M., Trivic, T., Stojanovic, M., & Ostojic, S. (2019). The effect of rapid weight loss on body composition and circulating markers of creatine and circulating markers of creatine metabolism in judokas. <i>Kinesiology</i>, 51(2), 10-13. 3. Dugonjić, B., Krstulović, S., & Kuvačić, G. (2019). Rapid Weight Loss Practices in 	

Elite Kickboxers. *International Journal of Sport Nutrition and Exercise Metabolism*, 29(6), 583-588.

4. **Krstulović, S.**, Kuvačić, G., Erceg, M., & Franchini, E. (2019). Reliability and validity of the new judo physical fitness test. *IDO MOVEMENT FOR CULTURE. Journal of Martial Arts Anthropology*, 19(2), 41-55.
5. Kuvačić, G., **Krstulović, S.**, & Đapić Caput, P. (2017). Factors determining success in youth judokas. *Journal of Human Kinetics*, 56, 207-2017.

Name	Assist. Prof. Dr. Danijela Kuna
E-mail	danijela.kuna@gmail.com
Researcher ID	347621
Employment	Faculty of Kinesiology, University of Osijek
Position - title	Assistant Professor
Title, date of last appointment	Scientific Associate, 28th October 2014
Working experience	<p>1999 - a ski instructor, Ski School „Prvi spust“, ŠRC „Adria ski“ Kupres, Bosnia and Herzegovina</p> <p>2005 – 2015 coordinator of various programmes in aerobics (SRC Cospomosport, Split; Primar School „fra Miroslav Džaja“, Kupres; GSD Tomislavgrad)</p> <p>2008 - 2009 coordinator of elective courses Basics of Kinesiology Transformation, Skiing I and Skiing II (theory and practice) at FPMOZ, Mostar, Bosnia and Herzegovina</p> <p>2008. – National demonstrator and head of ski instructor courses of level 1, level 2, level 3, ATUS-a Bosnia and Herzegovina</p> <p>2008/2009 – 2012/2013 - head of theory and practice in the course Ski I and Ski II, Faculty of Kinesiology, University of Split</p> <p>2009 - 2013 - teacher of Physical Education, Secondary School „Kupres“ in Kupres, Bosnia and Herzegovina</p> <p>2012 - 2013 head of the elective course Methods in Kinesiology Recreation, FPMOZ, Mostar, Bosnia and Herzegovina</p> <p>2013/2014 appointed Head of Secondary school Kupres for a four year term</p> <p>2015 – 2017 Assistant Professor for the course Athletics and expert associate for the courses Skiing I and Skiing II, Faculty of Kinesiology, University of Split</p> <p>2017- 2018 in charge of the courses Skiing I and Skiing II and elective course Aerobics, FPMOZ Mostar, Bosnia and Herzegovina</p> <p>2017 – external associate at the Faculty of Kinesiology in Split, professional study programme, courses: Athletics, Cycling, Faculty of Kinesiology, University of Split</p> <p>2018 – 2020 deputy director of The Institute for Education, Široki Brijeg, Bosnia and Herzegovina</p> <p>2020-2021 Advisor to the Minister of Science, Education, Culture and Sports of Herceg-Bosna County, Bosnia and Herzegovina</p>
Education and training	<p>2008 - graduated from the Faculty of Kinesiology, University of Split</p> <p>2013 - PhD, Faculty of Kinesiology, University of Split</p> <p>2014 – Assistant Professor, Faculty of Kinesiology, University of Split</p> <p>2020 – BA in Pedagogy and Psychology, Faculty of Education, University of Travnik</p>

List of publications in the past five years (max. 5)

1. Kuna, D., Džajić S., Babić, M. (2020). Expert model for methodical learning of skiing with different rhythm and pace. *Homosporticus*, 22 (2), 23-26.
2. Kuna, D., Babić, M., Bosanac, V. (2020). Experts model of exercises for the correction of characteristic mistakes made during the execution of dynamic parallel ski turn. *Acta Kinesiologica*, 14 (1), 29-34.
3. Kuna, D., Babić, M. & Očić, M. (2019). Hierarchical classification of expert models of exercises designed to eliminate specific mistakes occurring in short ski turn. *12th International Conference on Kinanthropology "Sport and Quality of Life"*. Jan Cacek, Zuzana Sajdlová & Katarína Šimková (Eds.). Faculty of Sports Studies Masaryk University, 66-73.
4. Kuna, D., Brymer, E., Davids, K. & Marinkovic, D. (2018). Task constraints patterns in acquisition of the basic turn as implemented by international expert ski coaches. *Kinesiologia Slovenica*, 24 (1), 28–34.

Selected publications (max 5 papers)

1. Kuna, D., Jenko Miholić, S. & Peršun, J. (2018). Intensifying physical education classes through the application of contemporary aerobics program. *Acta Kinesiologica*, 12(2), 45-50.
2. Kuna, D., Božić, I. & Očić, M. (2017). Methodical model for correction of common mistake in the basic ski turn performance. *11th International Conference on Kinanthropology „Sport and Quality of Life“*. Martin Zvonař & Zuzana Sajdlová (Eds.). Faculty of Sports Studies Masaryk University, 345-352.
3. Kuna Danijela (2013). *Ekspertni model usvajanja skijaških znanja*. Doktorska disertacija. Split: Kineziološki fakultet Sveučilišta u Splitu.
4. Kuna, D., Kovačević, J., & Džajić, S. (2012). Effects of a group-exercising program on motoric and functional ability females. *International scientific conference „Effects of physical activity application to anthropological status“* Dopsaj Milivoj and Juhas Irina (Eds.). University of Belgrade, Faculty of Sport and Physical Education, Belgrade, 254- 259.
5. Kuna Danijela (2011). Efikasnost nastave TZK u kojoj se kao glavni sadržaj rada koristi suvremena aerobika. *IV Međunarodni simozij „Sport i zdravlje“*, Tuzla, 314-317.

Name	Assist. Prof. Dr. Ana Kurtović
E-mail	akurtovi@ffos.hr
Researcher ID	275452
Employment	Faculty of Humanities and Social Sciences Osijek
Position - title	Assistant Professor
Title, date of last appointment	Assistant Professor, 15 th January 2014
Working experience	Faculty of Humanities and Social Sciences Osijek Psychology and Counseling Centre for students of the University of Osijek
Education and training	Faculty of Humanities and Social Sciences, University of Rijeka, Department of Psychology - BA Faculty of Humanities and Social Sciences, University of Zagreb – MSc in Psychology Faculty of Humanities and Social Sciences, University of Zagreb – PhD in Psychology
List of publications in the past five years (max. 5)	
<ol style="list-style-type: none"> 1. Kurtović, A., Vuković, I. & Gajić, M. (2017). The effect of locus of control on university students' mental health: possible mediation through self-esteem and coping. <i>The journal of psychology: Interdisciplinary and Applied</i>. 152(6), 341 - 357 doi: 10.1080/00223980.2018.1463962 2. Vrdoljak, G., Lovaković, I. & Kurtović, A. (2018). Osobine ličnosti, ciljne orijentacije i školski uspjeh. <i>Primenjena psihologija</i>, 11(3), 325 – 344. doi: 10.19090/pp.2018.3.325-344 3. Kurtović, A. & Ivančić, H. (2019). Predictors of depression and life satisfaction in visually impaired people. <i>Disability and rehabilitation</i>, 41(9), 1012-1023. doi: 10.1080/09638288.2017.1417497 4. Kurtović, A., Vrdoljak, G. & Idžanović, A. (2019). Predicting Procrastination: The Role of Academic Achievement, Self-efficacy and Perfectionism. <i>International Journal of Educational Psychology</i>, 8(1), 1-26, doi: 10.17583/ijep.2019.2993 5. Sučević, M. & Kurtović, A. (2019). Cognitive vulnerabilities to anxiety: A bridge between personality and symptoms. <i>Psihologijske teme</i>, 28(2), 419-440. doi:https://doi.org/10.31820/pt.28.2.10 	
Selected publications (max 5 papers)	

1. Kurtović, A. & Baborac, J. (2017). Perfeccionizam i samoefikasnost kao prediktori ispitne anksioznosti kod studenata. *Primenjena psihologija*, 10(2), 147-163. doi: 10.19090/pp.2017.2.147-163
2. Vrdoljak, G., Lovaković, I. & Kurtović, A. (2018). Osobine ličnosti, ciljne orijentacije i školski uspjeh. *Primenjena psihologija*, 11(3), 325 – 344. doi: 10.19090/pp.2018.3.325-344
3. Kurtović, A. & Ivančić, H. (2019). Predictors of depression and life satisfaction in visually impaired people. *Disability and rehabilitation*, 41(9), 1012-1023. doi: 10.1080/09638288.2017.1417497
4. Kurtović, A., Vrdoljak, G. & Idžanović, A. (2019). Predicting Procrastination: The Role of Academic Achievement, Self-efficacy and Perfectionism. *International Journal of Educational Psychology*, 8(1), 1-26, doi: 10.17583/ijep.2019.2993
5. Sučević, M. & Kurtović, A. (2019). Cognitive vulnerabilities to anxiety: A bridge between personality and symptoms. *Psihologijske teme*, 28(2), 419-440. doi:<https://doi.org/10.31820/pt.28.2.10>

Name	Jurica Lovrinčević
E-mail	jlovrincevic@foozos.hr; jurical@kifos.hr
Researcher ID	
Employment	Faculty of Education, Josip Juraj Strossmayer University of Osijek Faculty of Kinesiology, Josip Juraj Strossmayer University of Osijek
Position – title	Lecturer
Title, date of last appointment	Lecturer, 1 st November 2016
Working experience	lecturer, Faculty of Kinesiology Osijek teacher, Physical Education, Faculty of Education Osijek teacher, Physical Education, Grammar School Osijek teacher, Physical Education, Primary School Mladost, Osijek teacher, Physical Education, Primary School Višnjevac, Višnjevac teacher, Physical Education, Primary School Bratoljub Klaić, Bizovac
Education and training	Jesuit High School in Osijek (1999 - 2003) Faculty of Kinesiology in Zagreb, module: Fitness training of athletes (2003-2013) Postgraduate PhD study in Kinesiology, Faculty of Kinesiology in Zagreb, module: Kinesiology Recreation (2019)
List of publications in the past five years (max. 5)	
<ol style="list-style-type: none"> 1. Živković, P., Lovrinčević J. (2018). Razlike u stanju hidriranosti i motivaciji između trkača na srednje i duge pruge. In I. Jukić, V. Wertheimer, L. Milanović (Eds.), 16. godišnja međunarodna konferencija, Kondicijska priprema sportaša 2018, Zbornik radova, Dijagnostika treniranosti. Zagreb: Kineziološki fakultet Sveučilišta u Zagrebu, Udruga kondicijskih trenera Hrvatske. 2018., 100-103 2. Daria Župan Tadijanov, Jurica Lovrinčević, Dražen Rastovski; Life satisfaction of different study programmes at the Faculty of Education as a potential factor of development//9th International Scientific Symposium „Region Entrepreneurship Development“ Mirna Leko Šimić, PhD; Boris Crnković, PhD (Eds.) Josip Juraj Strossmayer University of Osijek, Faculty of Economics in Osijek, Croatia (2020) 1445-1456. 3. Lovrinčević Jurica; PHYSICAL ACTIVITY LEVEL OF STUDENTS OF THE FACULTY OF EDUCATION DURING THE COVID - 19 VIRUS EPIDEMIC // Život i škola: časopis za teoriju i praksu odgoja i obrazovanja, 66 (2020), 1; 105-110 doi:10.32903/zs.66.1.9 	
Selected publications (max 5 papers)	

1. Lovrinčević, J., Lončar, I. (2016). Razlika između morfoloških obilježja plivača i vaterpolista juniorske kategorije grada Osijeka, I. Jukić, C. Gregov, S. Šalaj, L. Milanović, V. Wertheimer, D. Knjaz (Eds.), 14 godišnja međunarodna konferencija, Kondicijska priprema sportaša 2016, Zbornik radova, Dijagnostika treniranosti. Zagreb: Kineziološki fakultet Sveučilišta u Zagrebu, Udruga kondicijskih trenera Hrvatske. 2016, 43-47.

Name	Zoran Malečić
E-mail	zoranmalecic1975@gmail.com
Researcher ID	
Employment	Centre for Autism, Osijek
Position - title	
Title, date of last appointment	Lecturer, 26 th April 2018
Working experience	<p>Teacher, instructor – rehabilitator in Centre for Autism, Osijek</p> <p>Lecturer at the Faculty of Education in Osijek</p> <p>Coordinator of training programme for non-swimmers in the Osijek-Baranja County</p> <p>Pedagogical advisor and program coordinator - <i>Škola u prirodi</i> and training programme for non-swimmers in the Centre for Education, GDCK Osijek in Orahovica</p> <p>Animation programme manager - hotels in the Istria County</p> <p>Education associate and coach in Judo Club, SOS dječje selo Ladimirevci</p>
Education and training	<ul style="list-style-type: none"> - Secondary School (1. Tehnička škola Osijek, 1990-1994) - Faculty of Kinesiology, Zagreb, 1995-2006
List of publications in the past five years (max. 5)	
<ol style="list-style-type: none"> 1. Popović, Željko; Malečić, Zoran; Popović, Ana. Etička načela juda // 3. osječki dani bioetike. Osijek, 11-12 November 2019. / Jurić, Hrvoje (Ed.). Zagreb: Hrvatsko bioetičko društvo, 2019. p. 68-69. 	
Selected publications (max 5 papers)	
<ol style="list-style-type: none"> 1. Malečić Z., Žunec H. 2014. Intenzifikacija procesa učenja plivanja u radu s učenicima. Zbornik radova 13. Savjetovanja za obuku neplivača Orahovica, Hrvatski savez sportske rekreacije, Findak V., Orahovica 	

Name	Assist. Prof. Dr. Tošo Maršić
E-mail	tmarsic@gmail.com
Researcher ID	318955
Employment	Secondary School (Srednja strukovna škola) Orašje
Position - title	teacher of Physical Education
Title, date of last appointment	Assistant Professor, 15th October 2009
Working experience	Secondary School (Srednja strukovna škola) Orašje Faculty of Kinesiology in Split Faculty of Kinesiology in Zagreb Department of Kinesiology, Faculty of Science and Education in Mostar Faculty of Education, Josip Juraj Strossmayer University of Osijek
Education and training	Primary school in Vidovice (Bosnia and Herzegovina) Secondary school (Srednja prehrambeno-tehnička škola) in Orašje Faculty of Kinesiology in Zagreb (1996 – 2000) PhD study in Kinesiology enrolled in 2001, PhD Thesis defended in 2009
List of publications in the past five years (max. 5)	
<ol style="list-style-type: none"> 1. Cavar, Mile; Marsic, Toso; Corluka, Marin; Culjak, Zoran; Zovko, Ivana; Müller, Alex; Tschakert, Gerhard; Hofmann, Peter (2018). Effects of 6 Weeks of Different High-Intensity Interval and Moderate Continuous Training on Aerobic and Anaerobic Performance. <i>The Journal of Strength and Conditioning Research</i>. 33. 44-56 	
Selected publications (max 5 papers)	
<ol style="list-style-type: none"> 1. Cavar, Mile; Marsic, Toso; Corluka, Marin; Culjak, Zoran; Zovko, Ivana; Müller, Alex; Tschakert, Gerhard; Hofmann, Peter (2018). Effects of 6 Weeks of Different High-Intensity Interval and Moderate Continuous Training on Aerobic and Anaerobic Performance. <i>The Journal of Strength and Conditioning Research</i>. 33. 44-56 2. Šentija, Davor; Maršić, Tošo; Dizdar, Dražan (2009). The Effects of Strength Training on Some Parameters of Aerobic and Anaerobic Endurance. <i>Collegium antropologicum</i>, 33 1; 111-116 3. Maršić, Tošo; Paradžik, Petar; Breslauer, Nevenka (2006). Spolne razlike u motivaciji za nastavu tjelesne i zdravstvene kulture. <i>Napredak: časopis za pedagogijsku teoriju i praksu</i>, 147 3; 328-334 4. Bratanić, M., Maršić, T. (2004). Relacije između gledišta učenika o nastavniku i uspjeha u učenju. <i>Napredak, Zagreb, Vol. 145, nr. 1, p. 133-144.</i> 5. Bratanić, M., Maršić, T. (2005). Povezanost motivacije učenika s gledištima o nastavniku. <i>Napredak, Zagreb, Vol. 146, nr. 3, p. 300-312.</i> 	

Name	Prof. Dr. Damir Matanović
E-mail	dmatanovic@foozos.hr
Researcher ID	225724
Employment	Faculty of Education in Osijek
Position - title	Dean
Title, date of last appointment	Full Professor
Working experience	1997 - 2008 Croatian Institute of History 2008 - Faculty of Education in Osijek
Education and training	1996 Faculty of Humanities and Social Sciences in Zagreb, double major in Comparative Literature and History 2000 MSc - postgraduate study in History, Faculty of Humanities and Social Sciences in Zagreb 2003 PhD - postgraduate doctoral study in History, Faculty of Humanities and Social Sciences in Zagreb
List of publications in the past five years (max. 5)	
<ol style="list-style-type: none"> 1. Damir Matanović, Pavao Nujić, „Jeronim barun Ljubibratić od Trebinja i Unutarnji grad Osijek“, <i>Historijski zbornik</i>, 73, 1, 2020., p. 55-87 2. Davor Lauc, Damir Matanović, Darko Vitek, <i>Neizrazite logike u povijesnim istraživanjima: primjer analize nepreciznih temporalnih odrednica neizrazitim skupovima i dubokim učenjem</i>, Faculty of Education, Osijek, 2020 3. Damir Matanović, „Bošnjaci i proces urbanizacije u Slavonskoj vojnoj krajini u 18. stoljeću“, <i>Nitko sebi sudac: Zbornik radova o Bernardinu Leakoviću (1741.-1815.)</i>, Osijek-Bošnjaci, 2017 4. Emina Berbić Kolar, Damir Matanović, „Migrants and the migrant crisis in the context of language metaphors based on the example of the daily newspapers: Jutarnji list and Večernji list“, <i>Vii. Uluslararası Balkan tarihi araştırmaları sempozyumu Balkanlar'a ve Balkanlar'dan Göçler (Osmanlı'dan Cumhuriyet'e) / Gölen, Zafer ; Temizer, Abidin (Eds.)</i>, Ankara 2019 	
Selected publications (max 5 papers)	
<ol style="list-style-type: none"> 1. Jasenka Begić, Emina Berbić Kolar, Lovorka Brajković, Damir Matanović, Marta Mileusnić, Sara Paraga, Ivan Tomasić, Ksenija Zec, <i>Od ideje do promjene: Vodič za pokretanje programa društveno korisnog učenja</i>, Zagreb: Institut za razvoj obrazovanja, 2019 2. Damir Matanović, Miljenko Brekalo, „Is there place for traditional school in the future?“, <i>Education and training as basis for future employment</i>, Damir Matanović, Arata Umura (Eds.), Osijek, Faculty of Education, 2019 	

Name	Prof. Dr. Vesnica Mlinarević
E-mail	vmlinarevic@kifos.hr
Researcher ID	261162
Employment	Faculty of Kinesiology, Josip Juraj Strossmayer University of Osijek Faculty of Education, Josip Juraj Strossmayer University of Osijek
Position – title	Acting Dean
Title, date of last appointment	Scientific advisor, Full Professor 17 th October 2017
Working experience	<p>1981 Centre for Preschool Education Osijek, professional and pedagogical affairs.</p> <p>1995 Institute for Educational Advancement (Zavod za unaprjeđivanje školstva), Ministry of Education and Sports of the Republic of Croatia, advisor for professional and pedagogical affairs.</p> <p>2001 – Faculty of Teacher Education Osijek, courses: Methodology I, General Pedagogy.</p> <p>2005 - Faculty of Education Osijek, Vice Dean for professional affairs. Courses: General Pedagogy, Preschool Pedagogy, Methodology of Education I, Parenthood, Children's projects.</p> <p>2007 - Faculty of Education, Vice Dean for Education, courses: Pedagogy, Integrated Preschool Curriculum, Parenthood, Leadership in Institution of Education, Extracurricular Activities in the School Curriculum.</p> <p>2013 - Faculty of Humanities and Social Sciences Osijek, External Associate, Postgraduate Doctoral Study of Pedagogy and Culture of Contemporary School, courses: Hidden Curriculum and Culture of Contemporary School.</p> <p>2009-2017 - Department of Cultural Studies Josip Juraj Strossmayer University of Osijek, External Associate, courses: Critical Thinking, Culture of Free Time.</p> <p>2001 - Agency for Education of the Republic of Croatia – Head of the Committee for professional exams of educators and pedagogues.</p> <p>2015 - University of Zadar, Department of Pedagogy, External Associate at Postgraduate doctoral study Quality in Education.</p> <p>2020 Faculty of Education, Postgraduate doctoral study in interdisciplinary sciences: course - Curricular approach in the culture of educational institutions.</p> <p>Postgraduate specialist study Leadership and management of educational institutions. Course - Pedagogical education for cooperation with parents and the community</p>

	<p>2021 - Faculty of Kinesiology Osijek, Acting Dean, courses: Pedagogy, Communication in Education, Culture of Free Time. Faculty of Education, Full Professor, courses: Pedagogy, Family Education and Collaboration with Parents.</p> <p>2002-2013 Researcher in the projects of the Ministry of Sciences, Education and Sports of the Republic of Croatia.</p> <ol style="list-style-type: none"> 1. <i>Research based teaching and contemporary forms of teaching</i> 2. <i>The need for a new position of pupils in and out of contemporary teaching process</i> 3. <i>Curriculum of social competences and relations in school.</i> <p>2013-2015 Coordinator of the IPA IV project - Operational Program for Human Resources Development within the tender "Integration of disadvantaged groups into the regular education system" (Agreement No. IPA4.1.2.2.02.01.c31), Improving the position of Baranja Roma children in the education system of the Republic of Croatia.</p> <p>2017-2019 Associate in the project K2 Erasmus+ "Pacemaking the education and employment: answers to new challenges and opportunities".</p> <p>2017-2019 researcher in the project <i>Quality of life of children and adolescents in Eastern Slavonia</i>, project of the University of Osijek, STEM area (IZIS – 2016-104).</p> <p>2019-2021 Associate in the project of the European Social Fund (UP.03.1.1.03.0056) University of Zadar, entitled <i>Competence standards of teachers, pedagogues and mentors</i>, within Croatian Qualifications Framework.</p> <p>2019-2021 Editor in Chief of journal <i>Life ad School (Život i škola)</i></p> <p>2009 - member of the editorial board of the international journal <i>Évkönyv</i>, Subotica, Serbia</p>
Education and training	<p>Grammar School Osijek</p> <p>Study of Preschool Education, Faculty of Teacher Education in Osijek</p> <p>Study of Pedagogy, Faculty of Teacher Education in Osijek</p> <p>State Exam, Ministry of Public Administration of the Republic of Croatia</p> <p>Postgraduate study of Pedagogy, Faculty of Humanities and Social Sciences in Zagreb, MSc „Free time styles of high school students“</p> <p>Doctoral study, Faculty of Humanities and Social Sciences in Zagreb, PhD Thesis: “Free time as a predictor of student behaviour disorders”.</p>

List of publications in the past five years (max. 5)

Mlinarević, Vesnica; Tokić, Ružica (2020). **Intercultural Competences in Initial Teacher Education – Comparative Analysis**. *Croatian Journal of Education: Hrvatski časopis za odgoj i obrazovanje*, Vol. 22 No. 4, 2020. P. 1081-1112.

Mlinarević, Vesnica; Huljev, Antonija (2019). "Invisible" street children - educational perspectives and / or social problem // *Educatioan and New Developments: Volume II / Carmo, Mafalda (Ed.)*, Lisboa, Portugal: InScience Press, Rua Tomas Ribeiro, Portugal, 2019. p. 192-19.

Huljev, Antonija; Mlinarević, Vesnica (2019). Value messages in the educational process: music as a medium and a message // *6th International multidisciplinary scientific conference on social sciences & arts SGEM 2019: Conference proceedings, Volume 6, science & arts, Issue 6.1: Culture studies, ethnology and folklore, literature and poetry, history of arts, contemporary arts, performing and visual arts, architecture and design; 11 - 14 April, 2019, Vienna, Austria* Sofia, Bulgaria: STEF92 Technology Ltd., Bulgaria, 2019. p. 359-366.

Mlinarević, Vesnica; Huljev, Antonija; Tokić, Ružica (2018). Bioetika između teorije i prakse: komparativna analiza studijskih programa // *2. osječki dani bioetike / Jurić, Hrvoje (Ed.)*. Osijek: Hrvatsko bioetičko društvo, 2018. pp. 51-53.

Primjena stilova učenja i višestrukih inteligencija u kulturi nastave // *A Magyar Tannyelvű Tanítóképző Kar 2016-os tudományos konferenciáinak tanulmánygyűjteménye/Zbornik radova naučnih konferencija Učiteljskog fakulteta na mađarskom nastavnom jeziku 2016 / Czékus, Géza; Borsos, Éva (Eds.)*. Subotica: Učiteljski fakultet na nastavnom mađarskom jeziku, 2016. p. 130-142.

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Mlinarević, Vesnica; Tokić, Ružica (2017). The culture of teacher education for the future from a globalization point of view // *Education and training as basis for future employment / Matanović, D.; Uemura, A. (Eds.)* Osijek: Faculty of Education, Josip Juraj Strossmayer University of Osijek & Faculty of Economics, Wakayama University, 2017. p. 31-54.

Mlinarević, Vesnica, Brust Nemet, Maja. (2016). The Hidden Curriculum in the Function of Promoting Equal Educational Opportunities for the Roma in Markowska-Manista, Urszula (Ed.), *The Interdisciplinary Contexts of Reintegration and Readaptation in the Era of Migration- an Intercultural Perspective*. Warsaw: Wydawnictwo Akademii Pedagogiki Specjalnej im. M. Grzegorzewskiej.

Mlinarević, Vesnica and Brust, Maja (2015): Opportunities for the Development of Teachers Competences for Working with Roma Children. (Eds. Mlinarevic, V., Brust-Nemet, M and Bushati, J.) The position of Roma Children. Josip Juraj Strossmayer University of Osijek, Faculty of Education.

Mlinarević, Vesnica; Brust-Nemet, Maja. *Izvannastavne aktivnosti u školskom kurikulumu*. Osijek : Faculty of Education in Osijek, 2012.

Name	Vjera Ninčević, MD
E-mail	vnincevic@fdmz.hr
Researcher ID	32968
Employment	Faculty of Dental Medicine and Health / Faculty of Medicine Osijek, Josip Juraj Strossmayer University of Osijek
Position – title	Assistant
Title, date of last appointment	1 st October 2015
Working experience	Faculty of Dental Medicine and Health Faculty of Medicine Osijek College of Applied Sciences “Lavoslav Ružička” in Vukovar
Education and training	2009 - 2015 MD, Faculty of Medicine Osijek, Osijek (Croatia) 2005 - 2009 Grammar School Karlovac, Karlovac (Croatia) 2015 - Postgraduate doctoral study Biomedicine and Health, Osijek (Croatia)
List of publications in the past five years (max. 5)	
<p>1. Ninčević V, Omanović Kolarić T, Roguljić H, Kizivat T, Smolić M, Bilić Čurčić I. Renal Benefits of SGLT 2 Inhibitors and GLP-1 Receptor Agonists: Evidence Supporting a Paradigm Shift in the Medical Management of Type 2 Diabetes. <i>Int J Mol Sci.</i> 2019 Nov 20;20(23).</p> <p>2. Ninčević V., Kizivat T., Omanović Kolarić T., Kuna L., Cindrić A., Banovac A., Bilić Čurčić I., Tucak-Zorić S. and Smolić M. Influence of Caffeine on Crystallization and Amelioration of Oxidative Stress on in vitro Model of Urolithiasis. <i>Collegium Antropologicum</i> 2020</p> <p>3. Lucic, Nikola Raguz, Jakab, Jelena, Smolic, Martina, Milas, Ana-Maria, Kolaric, Tea Omanovic, Nincevic, Vjera, Bojanic, Kralik, Kristina, Miskulin, Maja, Wu, George Y., Smolic, Robert. Primary Care Provider Counseling Practices about Adverse Drug Reactions and Interactions in Croatia 2018, <i>Journal of Clinical Medicine</i></p> <p>4. Omanović Kolarić, Tea; Ninčević, Vjera; Smolić, Robert; Smolić, Martina; Wu, George Y. Mechanisms of Hepatic Cholestatic Drug Injury. <i>Journal of Clinical and Translational Hepatology</i>, 7 (2019)</p>	
Selected publications (max 5 papers)	

1. **Ninčević V**, Omanović Kolarić T, Roguljić H, Kizivat T, Smolić M, Bilić Ćurčić I. Renal Benefits of SGLT 2 Inhibitors and GLP-1 Receptor Agonists: Evidence Supporting a Paradigm Shift in the Medical Management of Type 2 Diabetes. *Int J Mol Sci.* 2019 Nov 20;20(23).

2. Lucic, Nikola Raguz, Jakab, Jelena, Smolic, Martina, Milas, Ana-Maria, Kolaric, Tea Omanovic, **Nincevic, Vjera**, Bojanic, Kralik, Kristina, Miskulin, Maja, Wu, George Y., Smolic, Robert. Primary Care Provider Counseling Practices about Adverse Drug Reactions and Interactions in Croatia 2018, *Journal of Clinical Medicine*

Name	Pavao Nujić, PhD
E-mail	pnujic@foozos.hr
Researcher ID	351713
Employment	Faculty of Education
Position – title	Postdoctoral fellow
Title, date of last appointment	Postdoctoral fellow, 26 th March 2020
Working experience	2015 - Faculty of Education
Education and training	Undergraduate and graduate double major in Pedagogy and History, Faculty of Humanities and Social Sciences in Osijek (2009-2014) Postgraduate doctoral study in History, Faculty of Croatian Studies in Zagreb (2014 - 2020)
List of publications in the past five years (max. 5)	
<ol style="list-style-type: none"> 1. Damir Matanović, Pavao Nujić, „Jeronim barun Ljubibratić od Trebinja i Unutarnji grad Osijek“, <i>Historijski zbornik</i>, 73, 1, 2020., p. 55-87 2. Pavao Nujić, „Protestanti u službi Petrovaradinske pukovnije u drugoj polovici 18. stoljeća“, <i>Povijesni prilozi</i>, 38, 56, 2019., 295-323 3. Pavao Nujić, „Sébastien le Preste de Vauban, The Vauban Approach and Slavonia“, <i>JOLS</i>, 5, 13, 2018., p. 255-272 	
Selected publications (max 5 papers)	
<ol style="list-style-type: none"> 1. Pavao Nujić, „Između očekivanja i stvarnosti – pogled na Petrovaradinsku pukovnicu kroz serijalne vojne popise 1765.-1768.“, <i>Acta Histriae</i>, 26, 2, 2018., p. 429-448. 	

Name	Mario Oršolić, MKin
E-mail	mario.orsolic@ptfos.hr
Researcher ID	
Employment	Faculty of Food Technology Osijek
Position – title	Lecturer (Social Sciences, scientific field of Kinesiology)
Title, date of last appointment	Lecturer, 22 nd February 2019
Working experience	2019 Faculty of Food Technology Osijek 2019 Faculty of Medicine Osijek 2018 - 2019 Grammar School (I. gimnazija Osijek) 2012 - 2019 tennis instructor and coordinator, TK PRO-LEVEL 2017 teacher of Physical Education (II. gimnazija Osijek) 2016 teacher of Physical Education (Primary School Mladost Osijek) 2016 training for non- swimmers in Orahovica (Crveni križ Osijek) 2015 - 2016 teacher of Physical Education (Primary School Mato Lovrak Vladislavci) 2014 - 2015 professional education for teachers of Physical Education (Primary School Antun Mihanović Osijek)
Education and training	University of Zagreb, Faculty of Kinesiology, Study programme in Kinesiology, MKin (graduate study), Republic of Croatia
List of publications in the past five years (max. 5)	
<ol style="list-style-type: none"> 1. Oršolić, M., Barbaros Tudor, P., Bosnar, K. (2018). Age, Educational and Gender Differences in Interest Towards Three Racquet Sports on a Sample of Middle-Aged Adults. Baić, M., Starosta, W., Drid, P., Konarski, J. M., Krističević, T., Maksimović, N. (Eds.). 14th International Scientific Conference of Sport Kinetics 2018 (pp.183-189). Zagreb: University of Zagreb, Faculty of Kinesiology. 2. Barić, M., Barbaros Tudor, P., Oršolić, M. (2018). Differences in situational efficiency of the match winners in 2015 Australian Open and Roland Garros. Škegro, D., Belčić, I., Sporiš, G., Krističević, T. (Eds.). World Congress of Performance Analysis of Sport XII (pp.151-156). Zagreb: University of Zagreb, Faculty of Kinesiology. 3. Oršolić, M., Novak, D., Vrtar, M. (2018). Ugljikohidrati u tenisu: važnost i vrijednosti za vrijeme teniskog susreta. 3. Kongres o pčelarstvu i pčelinjim proizvodima, 3(1), p. 72. 4. Oršolić, M., Barbaros Tudor, P., Novak, D. (2019). Primjena kinezioloških sadržaja s mini pilates loptom u uredskim uvjetima s ciljem prevencije nastanka bolnih mišićno-skeletnih simptoma. 28. Ljetna škola kineziologa Republike Hrvatske, Zadar, pp. 353-358. 5. Oršolić, M., Barbaros Tudor, P., Šarić, A. (2020). RECOMMENDED AMOUNTS OF MACRONUTRIENTS BEFORE AND AFTER TENNIS MATCHES. Food in Health and Disease, scientific-professional journal of nutrition and dietetics, 9(1), 40-47. 	
Selected publications (max 5 papers)	

1. **Oršolić, M.**, Barbaros Tudor, P., Bosnar, K. (2018). Age, Educational and Gender Differences in Interest Towards Three Racquet Sports on a Sample of Middle-Aged Adults. Baić, M., Starosta, W., Drid, P., Konarski, J. M., Krističević, T., Maksimović, N. (Eds.). 14th International Scientific Conference of Sport Kinetics 2018 (pp.183-189). Zagreb: University of Zagreb, Faculty of Kinesiology.
2. Barić, M., Barbaros Tudor, P., **Oršolić, M.** (2018). Differences in situational efficiency of the match winners in 2015 Australian Open and Roland Garros. Škegro, D., Belčić, I., Sporiš, G., Krističević, T. (Eds.). World Congress of Performance Analysis of Sport XII (pp.151-156). Zagreb: University of Zagreb, Faculty of Kinesiology.
3. **Oršolić, M.**, Novak, D., Vrtar, M. (2018). Ugljikohidrati u tenisu: važnost i vrijednosti za vrijeme teniskog susreta. 3. Kongres o pčelarstvu i pčelinjim proizvodima, 3(1), p. 72.
4. **Oršolić, M.**, Barbaros Tudor, P., Novak, D. (2019). Primjena kinezioloških sadržaja sa mini pilates loptom u uredskim uvjetima s ciljem prevencije nastanka bolnih mišićno-skeletnih simptoma. 28. Ljetna škola kineziologa Republike Hrvatske, Zadar, pp. 353-358.
5. **Oršolić, M.**, Barbaros Tudor, P., Šarić, A. (2020). Recommended Amounts of Macronutrients Before and After Tennis Matches. Food in Health and Disease, Scientific-professional journal of nutrition and dietetics, 9(1), 40-47.

Name	Petar Otković, MKin
E-mail	petaro@kifos.hr
Researcher ID	371513
Employment	Faculty of Kinesiology Osijek, Josip Juraj Strossmayer University of Osijek
Position – title	Assistant
Title, date of last appointment	1 st May 2018
Working experience	<ul style="list-style-type: none"> - Faculty of Kinesiology Osijek, Josip Juraj Strossmayer University of Osijek - Faculty of Education in Osijek, Josip Juraj Strossmayer University of Osijek
Education and training	<ul style="list-style-type: none"> - Grammar School (Opća Gimnazija Daruvar) 2006-2010 - integrated undergraduate and graduate university study of Kinesiology, Faculty of Kinesiology Zagreb, 2010-2016, Module: Kinesiotherapy - Postgraduate PhD study in Kinesiology, Faculty of Kinesiology Zagreb, Module: Kinesiology Education, 2nd study year, 2020 -
List of publications in the past five years (max. 5)	
<ol style="list-style-type: none"> 1. Otković, Petar. Vidranski, Tihomir. Tomac, Zvonimir. The application of the raising of the torso from a lying position test (MRSPTL) in 30 and 60 seconds in elementary school pupils. 6th International Scientific Conference: Contemporary Kinesiology, 26-27 Aug. 2017, Split 2. Otković, P. Vidranski, T. Kompetencije učitelja za izvođenje nastave tjelesne i zdravstvene kulture s učenicima s teškoćama. Međunarodna znanstvena konferencija: Efekti primene fizičke aktivnosti na antropološki status dece, omladine i odraslih. 12 Dec. 2018, Beograd 3. Otković, P. Vidranski, T. Petrović, M. Case study: Flipped learning method and physical activities of children in kindergarten. International scientific and practical internet conference: Modern problems of the Theory and practice of Physical education, Sports and Tourism. 12-13 Dec. 2019 4. Otković, P. Vidranski, T. Suvremene metode učenja u nastavi Tjelesne i zdravstvene kulture. <i>Međunarodna znanstvena konferencija: Didaktički izazovi III. didaktička retrospektiva i perspektiva</i>, 16-17 May 2019, Osijek 5. Otković, P. Vidranski, T. Rehabilitacija nakon ozljede meniskusa kod karataša borbaša. 16. Godišnja konferencija Kondicijska priprema sportaša 2018., 23-24 Feb. 2018, Zagreb 	
Selected publications (max 5 papers)	

1. Otković, P. Vidranski, T. Morel, N. Influence of the Flipped Learning Method on learning motor skills in the first grade of elementary school. 79th International Scientific Conference of the University of Latvia, section Sport for the sustainability of society work, 19 Feb. 2021
2. Otković, P. Zainteresiranost građana grada Daruvara za Zimskim rekreacijskim sadržajima pogodnim za kondicijsku pripremu u funkciji prevencije i unapređenja zdravlja. 19. Godišnja međunarodna konferencija Kondicijska priprema sportaša 2021. 19 Feb. 2021
3. Vidranski, T. Otković, P. Injuries in karate trainers and their connection to former active karate training. 14th International Scientific Conference of Sport Kinetics 2018, 24-27 June 2018, Poreč
4. Vidranski, T. Otković, P. Tadijanov-Zupan, D. - Differences in technical-tactical indicators of karate kumite between the world Championship in Tokyo 2008 and Madrid 2018. 8th International workshop and conference of the international society of performance analysis of sport, 11-13 Sept. 2019, Budapest, Hungary
5. Vidranski, T. Otković, P. Hrga, M. Influence of extracurricular and out-of-school sports activities on elementary school students. BMC Sports Science, Medicine and Rehabilitation 2019 journal, volume 11(suppl 1):7, p. 27, Abstracts from the 5th International Scientific Conference on Exercise and Quality of Life, Novi Sad, Serbia, 11-13 April 2019

Name	Dražen Pejić, MKin
E-mail	drazen.pejic@vevu.hr
Researcher ID	
Employment	College of Applied Sciences „Lavoslav Ružička“ in Vukovar
Position – title	Senior Lecturer
Title, date of last appointment	16 th December 2019
Working experience	Secondary School „Ilok“ Secondary School „Marko Babić“ in Vukovar Primary School „Antun Bauer“ in Vukovar College of Applied Sciences in Split, satellite study programme in Vukovar College of Applied Sciences „Lavoslav Ružička“ in Vukovar
Education and training	- Grammar School in Vukovar (1990-1991) - Grammar School (XI gimnazija) (1991-1994) - Integrated undergraduate and graduate study of Kinesiology, Faculty of Kinesiology in Zagreb, Module: Basketball (1994-2000) -Postgraduate doctoral study in Kinesiology, Faculty of Kinesiology in Split, Module: Basketball (2013-)
List of publications in the past five years (max. 5)	
<ol style="list-style-type: none"> 1. Mrvica Mađarac, Sandra., Gongeta, Sanja, Pejić, Dražen (2018) Cikloturizam kao turistički potencijal otoka Žirja // 2nd international scientific conference on economics and management – EMAN 2018, Ljubljana (22 March 2018), Slovenia, p. 717-726, ISBN 978-86-80194-11-0 2. Mašina, Tonči, Pejić, Dražen (2018) Primijećeni stres među studentima prve dvije godine Medicinskog fakulteta, Sveučilišta u Zagrebu, 4. Međunarodni znanstveno-stručni skup „Fizioterapija u sportu, rekreaciji i wellnessu“, Zbornik radova, Vukovar (08 -09 Nov. 2018), Lavoslav Ružička College of Applied Sciences in Vukovar, p. 98-106, ISSN: 1849-8906 3. Pejić, Dražen., Marić Jure, Paradžik, Nikoleta (2019), Fiziološki parametri nogometnih sudaca kontinentalne i primorske Hrvatske, 28. Ljetna škola kineziologa Republike Hrvatske, Zadar (26-29 June 2019), Hrvatski kineziološki savez, p. 375-381, ISBN: 978-953-7965-12-9, 978-953-7965-11-2 4. Marić, Jure, Pejić, Dražen, Topić, Monika (2019), Životne navike i čimbenici rizika za razvoj kardiovaskularnih oboljenja kod nogometnih sudaca, 28. Ljetna škola kineziologa Republike Hrvatske, Zadar (26-29 June 2019), Hrvatski kineziološki savez, p. 370-375, ISBN: 978-953-7965-12-9, 978-953-7965-11-2 5. Davidović Cvetko, Erna., Pejić, Dražen (2019), Self-Determined Engagement in Physical Activity and Sedentary Behaviour of College Students in Eastern Croatia - Does the Major Subject of Study Make a Difference?, Southeastern European Medical Journal Volume 3, Number 2 (SEEMEDJ), Osijek (16 Dec. 2019), Faculty of Medicine in Osijek, p. 22-32, ISSN 2459-9484 	

Selected publications (max 5 papers)

1. Pejić, D., Nešić, N. (2011) Izvođenje nastave tjelesne i zdravstvene kulture u Centru za traumu na Veleučilištu „Lavoslav Ružička“ u Vukovaru In: Findak, V., Ed. 20. Ljetna škola kineziologa Republike Hrvatske, Poreč (21-25 June 2011): Hrvatski kineziološki savez, p. 469-473, ISBN 953-95082-7-4
2. Nešić, N., Šeper, V., Davidović, E., Pejić, D. (2012) Aktivna inhibicija, mogućnost povećanja opsega pokreta u zglobu kuka i koljena nakon jednog treninga u košarci In: Zbornik radova međunarodna znanstveno-stručna konferencija, Odgojni i zdravstveni aspekti sporta i rekreacije, Križevci (31 March 2012): University of Zagreb, Faculty of Kinesiology p. 450-455, ISBN 978-953-317-016-9 Pejić, D., Grbanović, J. (2013) Studentski sport (košarka i nogomet) i tjelesna aktivnost kao potreba na Veleučilištu „Lavoslav Ružička“ u Vukovaru In: Zbornik radova III. Međunarodna konferencija Razvoj javne uprave, Vukovar, (19-20 April 2013): College of Applied Sciences „Lavoslav Ružička“ in Vukovar, p. 847-856, ISBN: 978-953-7734-06-0
3. Davidović Cvetko, Erna, Nešić, Nebojša, Šeper, Vesna., Pejić, Dražen., (2017) Body fat mass index and fat free mass index in healthy basketball players // book of abstracts 2nd Regional Congress of the Physiological Societies and 4th Congress of Croatian Physiological Society, (21-24 Sept.2017), Dubrovnik, Hrvatsko društvo fiziologa, Croatia, p. 42-42

Name	Assist. Prof. Dr. Dražen Rastovski
E-mail	drastovski@kifos.hr
Researcher ID	343391
Employment	Faculty of Kinesiology Osijek
Position – title	Assistant Professor
Title, date of last appointment	2021, Assistant Professor
Working experience	Gradski bazeni Osijek Faculty of Education, Josip Juraj Strossmayer University of Osijek
Education and training	Secondary School (Elektrometalski školski centar) Faculty of Kinesiology, University of Zagreb (1998) Faculty of Kinesiology, University of Zagreb (2012, MSc) Faculty of Kinesiology, University of Zagreb (2020, PhD)
List of publications in the past five years (max. 5)	
1. Mrakovic, S., Nikolic, I., & Rastovski, D. (2016). Differences in Motor and Functional Abilities between Female Students of the University of Zagreb. <i>The Anthropologist</i> , 24(1), 164-172.	
Selected publications (max 5 papers)	
1. Rastovski, D. (2019). Model rada–čimbenik uspješnosti poduke plivanja. <i>Život i škola: časopis za teoriju i praksu odgoja i obrazovanja</i> , 65 (1-2), 57-70.	

Name	Assist. Prof. Dr. Ivan Segedi
E-mail	ivan.segedi@kif.hr
Researcher ID	284770
Employment	Faculty of Kinesiology, University of Zagreb
Position – title	Assistant Professor in Judo
Title, date of last appointment	Assistant Professor, 13 th January 2016
Working experience	
Education and training	Primary School, 1986 - 1994 Grammar School (Jezična gimnazija Lucijan Vranjanin Zagreb, 1994 -1998 Faculty of Kinesiology, University of Zagreb, 1998 - 2004 Postgraduate doctoral study in Kinesiology in Zagreb, 2006-2011
List of publications in the past five years (max. 5)	
<ol style="list-style-type: none"> 1. Žanetić, M., Segedi, I., Sertić, H., Žanetić, D. (2021). Impact of foot deformation on balance of young judokas. <i>The Arts and Sciences of Judo</i>. Vol. 1 (1-2) 2. Krsnik, V., Segedi, I. (2020). Utjecaj razine motoričkih sposobnosti na motorička znanja i selekciju djece u nogometu. In L. Milanović, Wertheimer, V., I. Jukić (Eds.), <i>Zbornik radova 18. godišnje međunarodne konferencije Kondicijska priprema sportaša 2020.</i>, Zagreb, 21 Feb., pp. 230-233, Zagreb; Kineziološki fakultet Sveučilišta u Zagrebu. 3. Segedi, I., Pleša, L., Jug-Dujaković, M., Sertić, H. (2019). Comparison of some of the anthropological characteristics of the U14 judokas and the correlation of these characteristics with the competitive result. In H. Sertić, S. Čorak and I. Segedi (Ed), <i>Proceedings book, 6th European Science and Judo Research Symposium and 5th Scientific and Professional Conference: Applicable Research in Judo</i> (pp 85-88). Poreč 12-14. June, Croatia: Faculty of Kinesiology University of Zagreb. 4. Segedi, I., Sertić, H. (2019). Testiranje u nogometu-želje i mogućnosti. In L. Milanović, Wertheimer, V., I. Jukić (Eds.), <i>Zbornik radova 17. godišnje međunarodne konferencije Kondicijska priprema sportaša 2019.</i>, Zagreb, 22-23 Feb., pp. 101-103, Zagreb; Faculty of Kinesiology University of Zagreb. 5. Sertić, H., Jug Dujaković, M., Segedi, I. (2018). Following the changes of anthropological status of young judokas during the two year training process. In H. Sertić, S. Čorak and I. Segedi (Ed), <i>Proceedings book, 5th European Science and Judo Research Symposium and 4th Scientific and Professional Conference: Applicable Research in Judo</i> (pp 32-35). Poreč 11-13 June, Croatia: Faculty of Kinesiology University of Zagreb. 	
Selected publications (max 5 papers)	

1. Krsnik, V., **Segedi, I.** (2020). Utjecaj razine motoričkih sposobnosti na motorička znanja i selekciju djece u nogometu. In L. Milanović, Wertheimer, V., I. Jukić (Eds.), Zbornik radova 18. godišnje međunarodne konferencije Kondicijska priprema sportaša 2020., Zagreb, 21. veljače, pp. 230-233, Zagreb; Faculty of Kinesiology University of Zagreb .
2. **Segedi, I.**, Sertić, H. (2019). Testiranje u nogometu-želje i mogućnosti. In L. Milanović, Wertheimer, V., I. Jukić (Eds.), Zbornik radova 17. godišnje međunarodne konferencije Kondicijska priprema sportaša 2019., Zagreb, 22-23 Feb., pp. 101-103, Zagreb; Faculty of Kinesiology University of Zagreb.
3. **Segedi, I.**, Sertić, H. (2012). Specifičnosti kondicijskog treninga u nogometu i mogućnost bolje organizacije trenažnog procesa. In Jukić, I., Gregov, C., Šalaj, S., Milanović, L., Wertheimer, V. (Eds.). Zbornik radova 10. godišnje međunarodne konferencija Kondicijska priprema sportaša 2012, 17-18 Feb., Zagreb, (160-163).
4. Sertić, H., **Segedi, I.**, Prskalo, I. (2010). Dinamika razvoja antropoloških obilježja tijekom dvogodišnjeg perioda kod nesportaša, dječaka koji se bave momčadskim sportovima i judaša. Napredak, Vol.151 (3-4); 466-481.
5. **Segedi, I.**, Sertić, H., Šoš, K. (2009). Razlike u pokazateljima izdržljivosti kod mladih nogometaša. In I. Jukić, D. Milanović, C. Gregov and S. Šalaj (Eds.), Zbornik radova 7. godišnje međunarodne konferencije Kondicijska priprema sportaša 2009, Zagreb, 20-21 Feb., pp.164-167, Zagreb: Faculty of Kinesiology University of Zagreb.

Name	Prof. Dr. Damir Sekulić
E-mail	dado@kfst.hr
Researcher ID	226874
Employment	University of Split, Faculty of Kinesiology
Position – title	Full Professor (tenure), Dean
Title, date of last appointment	21 st December 2014, Full Professor (tenure)
Working experience	2014 - Full Professor (tenure), Faculty of Kinesiology Split 2009 - 2014 – Full Professor, Faculty of Kinesiology Split 2006 - 2009 – Associate Professor, Faculty of Science and Kinesiology Split 2006 - 2009 – Assistant Professor, Faculty of Science and Education Split
Education and training	Secondary School (Srednja elektrotehnička škola Mirko Dumanić) Split, 1984-1988 Faculty of Physical Education Zagreb (MEd) 1989-1995 Postgraduate study, Faculty of Physical Education Zagreb (MSc) 1996-1999 PhD – Faculty of Kinesiology Zagreb (2001)
List of publications in the past five years (max. 5)	
<ol style="list-style-type: none"> 1. Sekulic D, Pojskic H, Zeljko I, Pehar M, Modric S, Versic S, Novak D (2021) Physiological and Anthropometric Determinants of Performance Levels in Professional Futsal. <i>Frontiers in Psychology</i> 12, 621763 2. Modric T, Versic S, Sekulic D (2020) Position Specific Running Performances in Professional Football (Soccer): Influence of Different Tactical Formations. <i>Sports</i> 8, 161. 3. Modric T, Versic S, Sekulic D (2020) Aerobic Fitness and Game Performance Indicators in Professional Football Players; Playing Position Specifics and Associations. <i>Heliyon</i> 6(11) e05427 4. Krolo A, Gilic B, Foretic N, Pojskic H, Hammami R, Spasic M, Uljevic O, Versic S, Sekulic D. (2020) Agility Testing in Youth Football (Soccer) Players; Evaluating Reliability, Validity, and Correlates of Newly Developed Testing Protocols. <i>International Journal of Environmental Research and Public Health</i>. 2020 Jan 1;17(1). pii: E294. 5. Modric T, Versic S, Sekulic D (2020) Playing Position Specifics of Associations Between Running Performance During The Training and Match in Male Soccer Players. <i>Acta Gymnica</i> 50(2) 51-60. 	
Selected publications (max 5 papers)	

1. Sekulic D, Maric D, Versic S, Zevrnja A, Terzic A, Zenic N (2021) Familial and Parental Predictors of Physical Activity in Late Adolescence: Prospective Analysis over a Two-Year Period. *Healthcare*. 9(2):132.
2. Peric I, Spasic M, Novak D, Ostojic S, Sekulic D. (2021) Pre-Planned and Non-Planned Agility in Patients Ongoing Rehabilitation after Knee Surgery: Design, Reliability and Validity of the Newly Developed Testing Protocols. *Diagnostics*. 11(1):146.
3. Sekulic D, Prus D, Zevrnja A, Peric M, Zaletel P (2020) Predicting Injury Status in Adolescent Dancers Involved in Different Dance Styles: A Prospective Study. *Children* 7, 297
4. Maric D, Kvesic I, Kujundzic Lujan I, Bianco A, Zenic N, Separovic V, Terzic A, Versic S, Sekulic D (2020) Parental and Familial Factors Influencing Physical Activity Levels in Early Adolescence: A Prospective Study. *Healthcare* 8; 532
5. Sekulic D, Rodek J, Sattler T (2020) Factors Associated with Physical Activity Levels in Late Adolescence: A Prospective Study. *Medycyna Pracy* 71(6)

Name	Prof. Dr. Robert Selthofer
E-mail	rselthofer@mefos.hr
Researcher ID	265414
Employment	Faculty of Medicine Osijek and Clinical Hospital Osijek
Position – title	Full Professor, Chair for Anatomy and Neuroscience
Title, date of last appointment	16 th October 2016
Working experience	<p>2001-2003 young researcher at the Chair for Anatomy, project led by Professor Vasilije Nikolić entitled “Biodynamics of the human support system in different conditions“ (2003-2008). Spec. in gynecology and obstetrics in Clinical Hospital Osijek and Women's Clinic of the University Hospital Centre Zagreb. During the whole period of specialisation served as external associate at the Chair for Anatomy and Neuroscience, Faculty of Medicine Osijek, Clinical Hospital Osijek, within the following courses: Anatomy, Clinical Anatomy, Basics of Neuroscience.</p> <p>2005 – nominal title of Senior Assistant, Chair for Anatomy and Neuroscience, Faculty of Medicine Osijek.</p> <p>2008 - cumulative employment, Assistant Professor at Chair for Anatomy and Neuroscience, Faculty of Medicine Osijek and Clinic for Gynecology and Obstetrics, Clinical Hospital Osijek, (gynecology and obstetrics specialist)</p> <p>2011-2016 Associate Professor, Chair for Anatomy and Neuroscience, Faculty of Medicine Osijek</p> <p>2016 - Full Professor, Chair for Anatomy and Neuroscience, Faculty of Medicine Osijek</p>
Education and training	<p>Faculty of Medicine University of Zagreb, (1994 – 2000)</p> <p>Postgraduate study in Biomedicine and Health, Faculty of Medicine University of Osijek (2001-2005)</p> <p>Specialisation in Gynecology and Obstetrics (2003-2008) Spec. Exam passed in 2008</p> <p>Additional specialisation in Urogynecology (2012-2014) Subspec. Exam passed in 2014</p>
List of publications in the past five years (max. 5)	

1. Selthofer-Relatić K, Radić R, Stupin A, Šišljagić V, Bošnjak I, Bulj N, Selthofer R, Delić Brkljačić D. Leptin/adiponectin ratio in overweight patients - gender differences. *Diab Vasc Dis Res* 2018; 15(3): 260-262.
2. Šumanovac A, Baškarić T, Sorić T, Selthofer R. Biomechanics of fetal membranes – relation with newborn and maternal anthropometric data. *Period Biol* 2017; 119: 119-123.
3. Sorić T, Selimović M, Baković L, Šimurina T, Selthofer R, Dumić J. Clinical and Biochemical Influence of Prostatic Stones. *Urol Int* 2017; 98(4):449-455
4. Dulić G, Požgain Z, Pinotić K, Šego K, Selthofer R, Rončević I. Rare case of multiple aneurysms with rupture of the deep femoral artery aneurysm. *Ann Vasc Surg* 2015; 29: 1663e5-e8.
5. Marić A, Perić Kačarević Ž, Selthofer R. Changes in nutrition type between generations influence on bone structural changes in rat female offspring. *Period Biol* 2015; 117: 65-72.

Selected publications (max 5 papers)

1. Selthofer R, Nikolić V, Mrčela T, Radić R, Lekšan I, Rudež I, Selthofer K. Morphometric analysis of the sternum. *Coll Antropol* 2006; 30: 43-47.
2. Lekšan I, Nikolić V, Mrčela T, Lovrić I, Kristek J, Selthofer R. Supracondylar fractures of the humerus in children caused by traffic. *Coll Antropol* 2007; 31: 1009-1013.
3. Nikolić V, Radić R, Selthofer R, Mišević T, Dmitrović B, Šnajder D, Šišljagić V, Belovari T, Sučić Z. Vasculometry of upper and lower extremities in correlation with development of pathologic conditions like diabetic foot. *Coll Antropol* 2010; 77-81.
4. Erić M, Koprivčić I, Vučinić N, Radić R, Krivokuća D, Lekšan I, Selthofer R. Prevalence of the palmaris longus in relation to the hand dominance. *Surg Radiol Anat* 2011; 33: 481-484.
5. Selthofer R, Nikolić V, Mrčela T, Radić R, Lekšan I, Dinjar K, Selthofer-Relatić K. Real mineral density of the sternum. *Coll Antropol* 2010; 34: 1057-1061.

Name	Assoc. Prof. Dr. Martina Smolić, MD
E-mail	martina.smolic@mefos.hr martina.smolic@fdmz.hr
Researcher ID	292155
Employment	Josip Juraj Strossmayer University of Osijek Faculty of Dental Medicine and Health Osijek Faculty of Medicine Osijek
Position - title	Associate Professor
Title, date of last appointment	Associate Professor; Biomedicine and Health, Basic Medical Sciences, Pharmacology – 24 th April 2018 Scientific advisor Biomedicine and Health, Basic Medical Sciences, 1st July 2020
Working experience	2020 - Vice Dean for Science and Postgraduate Studies, Faculty of Dental Medicine and Health Osijek, Josip Juraj Strossmayer University of Osijek 2018 - Associate Professor, Head of Chair for Pharmacology, Faculty of Medicine Osijek, Josip Juraj Strossmayer University of Osijek 2018 Associate Professor, Head of Chair for Pharmacology and Biochemistry, Faculty of Dental Medicine and Health Osijek, Josip Juraj Strossmayer University of Osijek 2017 Assistant Professor, Faculty of Dental Medicine and Health Osijek, Josip Juraj Strossmayer University of Osijek 2017 - Vice Dean for Science and Postgraduate Studies, Faculty of Medicine Osijek, Josip Juraj Strossmayer University of Osijek 2014 - Head of Postgraduate doctoral study in Biomedicine and Health, Faculty of Medicine Osijek, Josip Juraj Strossmayer University of Osijek 2014 - Assistant Professor, Head of Chair for Pharmacology, Faculty of Medicine Osijek, Josip Juraj Strossmayer University of Osijek 2013 - 2014 Assistant Professor, Chair for Pharmacology, Faculty of Medicine Osijek, Josip Juraj Strossmayer University of Osijek 2012 - 2013 young researcher, Senior Assistant, Chair for Pharmacology, Faculty of Medicine Osijek, Josip Juraj Strossmayer University of Osijek 2006 - 2012 young researcher, Assistant, Department of Mineral Metabolism, Faculty of Medicine Osijek, Josip Juraj Strossmayer University of Osijek 2010 – 2011 visiting researcher, Department of Medicine, Division of Gastroenterology - Hepatology, University of Connecticut Health Center, Farmington, CT, USA 2004 – 2008 Postdoctoral fellow, Department of Medicine, Division of Gastroenterology - Hepatology, University of Connecticut Health Center, Farmington, CT, USA 2003 – 2004 MD, intern, Clinical Hospital Osijek

Education and training	<p>2012 Doctor of Sciences, Biomedicine and Health, scientific field of Basic Medical Sciences. Postgraduate doctoral study in Biomedicine and Health, Faculty of Medicine Osijek, Josip Juraj Strossmayer University of Osijek.</p> <p>Doctoral Thesis: "Specific and Targeted Selection of Genetically Protected Hepatocytes Using Receptor-Mediated Endocytosis"</p> <p>2003 MD, Faculty of Medicine University of Zagreb, Study of Medicine in Osijek</p>
List of publications in the past five years (max. 5)	
<ol style="list-style-type: none"> 1. <u>Hypothyroidism and Nonalcoholic Fatty Liver Disease: Pathophysiological Associations and Therapeutic Implications.</u> Kizivat T, Maric I, Mudri D, Curcic IB, Primorac D, Smolic M. J Clin Transl Hepatol. 2020 Sep 28;8(3):347-353. doi: 10.14218/JCTH.2020.00027. Epub 2020 Jul 21. PMID: 33083258 2. <u>Risk Factors Contributing to the Occurrence and Recurrence of Hepatocellular Carcinoma in Hepatitis C Virus Patients Treated with Direct-Acting Antivirals.</u> Kishta S, Tabll A, Omanovic Kolaric T, Smolic R, Smolic M. Biomedicines. 2020 June 25;8(6):175. doi: 10.3390/biomedicines8060175. PMID: 32630610 3. <u>Representation of CYP3A4, CYP3A5 and UGT1A4 Polymorphisms within Croatian Breast Cancer Patients' Population.</u> Bojanic K, Kuna L, Bilic Curcic I, Wagner J, Smolic R, Kralik K, Kizivat T, Ivanac G, Vcev A, Wu GY, Smolic M. Int J Environ Res Public Health. 2020 May 23;17(10):3692. doi: 10.3390/ijerph17103692. PMID: 32456253 Free PMC article. 4. <u>Impact of Breast Density Awareness on Knowledge about Breast Cancer Risk Factors and the Self-Perceived Risk of Breast Cancer.</u> Bojanic K, Vukadin S, Sarcevic F, Malenica L, Grgic K, Smolic R, Kralik K, Bilic Curcic I, Ivanac G, Wu GY, Smolic M. Diagnostics (Basel). 2020 Jul 20;10(7):496. doi: 10.3390/diagnostics10070496. PMID: 32698375 Free PMC article. 5. <u>The accuracy of breast cancer risk self-assessment does not correlate with knowledge about breast cancer and knowledge and attitudes towards primary chemoprevention.</u> Bojanic K, Vukadin S, Grgic K, Malenica L, Sarcevic F, Smolic R, Kralik K, Včev A, Wu GY, Smolic M. Prev Med Rep. 2020 Oct 20;20:101229. doi: 10.1016/j.pmedr.2020.101229. eCollection 2020 Dec. PMID: 33145151 	
Selected publications (max 5 papers)	
<ol style="list-style-type: none"> 1. Bojanic K, Kuna L, Bilic Curcic I, Wagner J, Smolic R, Kralik K, Kizivat T, Ivanac G, Vcev A, Wu GY, Smolic M*. Representation of CYP3A4, CYP3A5 and UGT1A4 Polymorphisms within Croatian Breast Cancer Patients' Population. Int J Environ Res Public Health. 2020 May 23;17(10): E3692. (JCR, IF 2.468, Q2) 2. Vinka Rupeic Rubin, Kristina Bojanic, Martina Smolic, Jurica Rubin, Ashraf Tabll and Robert Smolic. An Update on Efficacy and Safety of Emerging Hepatic Antifibrotic Agents. J Clin Transl Hepatol. 2020 Dec; 8(4): 3. Kishta S, Tabll A, Omanovic Kolaric T, Smolic R, Smolic M*. Risk Factors Contributing to the Occurrence and Recurrence of Hepatocellular Carcinoma in Hepatitis C Virus Patients Treated with Direct-Acting Antivirals. Biomedicines. 2020 Jun 25;8(6):175. doi:10.3390/biomedicines8060175. 4. Bojanic, Kristina, Curcic, Ines Bilic Kuna, Lucija, Kizivat, Tomislav, Smolic, Robert, Lucic, Nikola Raguz, Kralik, Kristina, Seric, Vatroslav, Ivanac, Gordana, Tucak-Zoric, Sandra, Vcev, Aleksandar, Smolic, Martina*. Association of Wnt Inhibitors, Bone Mineral Density and Lifestyle Parameters in Women with Breast Cancer Treated with Anastrozole 	

Therapy, 2018. Journal of Clinical Medicine, (JCR, IF=5.688, Q1)

5. Lucic, Nikola Raguz, Jakab, Jelena, Smolic, Martina, Milas, Ana-Maria, Kolaric, Tea Omanovic, Nincevic, Vjera, Bojanic, Kralik, Kristina, Miskulin, Maja, Wu, George Y., Smolic, Robert. Primary Care Provider Counseling Practices about Adverse Drug Reactions and Interactions in Croatia// J. Clin. Med. 2018, 7(9), 231 (JCR, IF=5.688, Q1)

Name	Assist. Prof. Dr. Antonija Šarić
E-mail	antonija.saric@ptfos.hr
Researcher ID	354360
Employment	Faculty of Food Technology Osijek
Position - title	Assistant Professor
Title, date of last appointment	25th September 2017
Working experience	Foreign Languages School <i>Lingua</i> Faculty of Food Technology Osijek Faculty of Agrobiotechnical Sciences Osijek Department of Chemistry (external associate) Polytechnic in Požega (external associate) Faculty of Kinesiology Osijek (external associate)
Education and training	Grammar School (Jezična gimnazija) Faculty of Humanities and Social Sciences in Osijek (English and German Language and Literature) PhD study in Linguistics (Jezikoslovlje), Faculty of Humanities and Social Sciences in Osijek
List of publications in the past five years (max. 5)	
<ol style="list-style-type: none"> 1. Šarić, Pogreške prilikom postavljanja pitanja u pismenim ispitima njemačkog jezika na Prehrambeno-tehnološkom fakultetu Osijek. <i>Lingua Montenegrina</i>. 18 (2016), 147-157. 2. A. Šarić, Typology of texts in electrical engineering. <i>Folia Linguistica et litteraria</i>. 1 (2017), 16; 167-199. 3. A. Šarić, <i>Analiza zavisnosloženih rečenica u pismenim ispitima njemačkog jezika kroz Prizmu Teorije o sposobnosti jezične obrade</i>; In: D. Omrčen, A. Krakić (Eds.), Zbornik radova Od teorije do prakse u jeziku struke, Zagreb (2017), 289-299. 4. A. Perković, A. Kovačić, A. Šarić, L. Budić, <i>Some English Borrowings Adapted at Semantic Level in Croatian</i>; In: M. Igazova, E. Poorova, J. Keketiova (Eds.), Proceedings of the VIIth Scientific Conference, Universita sv. Cyrila a Metoda, Trnava, Slovakia (2018), 12-18. 5. A.Šarić, L. Budić, <i>Kolokacijske pogreške studenata Prehrambene tehnologije</i>; In: D. Omrčen, A. Krakić (Eds.), Zbornik radova Od teorije do prakse u jeziku struke, Zagreb (2018), 312-324. 	
Selected publications (max 5 papers)	
<ol style="list-style-type: none"> 1. A. Šarić, L. Obad, Age as a Determining Factor in L1 and L2 Acquisition. <i>Journal of Educational and Social Research</i>. 5 (2015), 25-36. 2. Šarić, Developmental Patterns in the Interlanguage Research. <i>European Journal of Social Sciences, Education and Research</i>. 6 (2016). 242-255. 3. A. Šarić, Pogreške prilikom postavljanja pitanja u pismenim ispitima njemačkog jezika na Prehrambeno-tehnološkom fakultetu Osijek. <i>Lingua Montenegrina</i>. 18 (2016), 147-157. 4. A. Šarić, <i>Analiza zavisnosloženih rečenica u pismenim ispitima njemačkog jezika kroz Prizmu Teorije o sposobnosti jezične obrade</i>; In: D. Omrčen, A. Krakić (Eds.), Zbornik radova Od teorije do prakse u jeziku struke, Zagreb (2017), 289-299. 	

Name	Assist. Prof. Dr. Iva Šklempe Kokić
E-mail	ivask@kifos.hr
Researcher ID	357701
Employment	Faculty of Kinesiology, Josip Juraj Strossmayer University of Osijek
Position – title	Assistant Professor
Title, date of last appointment	Assistant Professor, 22 nd November 2018
Working experience	<p>01/2021 - Faculty of Kinesiology, Josip Juraj Strossmayer University of Osijek, Assistant Professor in Biomedicine and Health, scientific field of Clinical and Medical Sciences</p> <p>07/2016 - 01/2021 - College of Applied Sciences „Lavoslav Ružička“ in Vukovar, Senior Lecturer in Biomedicine and Health, scientific field of Clinical and Medical Sciences</p> <p>02/2011 - 07/2016 - College of Applied Sciences „Lavoslav Ružička“ in Vukovar, Lecturer in Biomedicine and Health, scientific field of Clinical and Medical Sciences</p> <p>06/2006 - 02/2011: Impuls d.o.o., Zagreb, head of business unit Zagreb, kinesiologist and physiotherapist</p> <p>06/2005 - 06/2006 Sveti Duh Clinical Hospital, Zagreb, physiotherapist (intern)</p>
Education and training	<p>10/2011 - 09/2016 University of Primorska Koper, Faculty of Mathematics, Natural Sciences and Information Technologies, PhD study in Applied Kinesiology, Doctor of Science in Kinesiology</p> <p>10/2012 - 06/2016 University of Primorska Koper, Faculty of Mathematics, Natural Sciences and Information Technologies, MSc in Applied Kinesiology, Module: Sport Physiology</p> <p>12/2013 - 06/2014 Josip Juraj Strossmayer University of Osijek, Faculty of Education (pedagogical-psychological and didactic-methodological training)</p> <p>06/2006 - 04/2008 University of Applied Sciences (Društveno veleučilište u Zagrebu) Department of Coach Training, Specialist graduate study in Coach Education, module in Sport Recreation (spec in Kinesiology)</p> <p>07/2001 - 01/2005 University of Applied Health Sciences in Zagreb, graduate study in Physiotherapy (BA in Physiotherapy)</p> <p>09/1995 - 06/1999 Secondary School (Ekonomaska i birotehnička škola Bjelovar)</p>
List of publications in the past five years (max. 5)	

1. Šklempe Kokić, I., Znika, M., Brumnić, V. (2019). Physical activity, health-related quality of life and musculoskeletal pain among students of physiotherapy and social sciences in Eastern Croatia – Cross-sectional survey. *Annals of Agricultural and Environmental Medicine* 26(1): 182-190.
2. Šklempe Kokić, I., Ivanišević, M., Kokić, T., Šimunič, B., Pišot, R. (2018). Acute responses to structured aerobic and resistance exercise in women with gestational diabetes mellitus. *Scandinavian Journal of Medicine and Science in Sports* 28(7): 1793-1800.
3. Šklempe Kokić, I., Ivanišević, M., Biolo, G., Šimunič, B., Kokić, T., Pišot, T. (2018). Combination of a structured aerobic and resistance exercise improves glycaemic control in pregnant women diagnosed with gestational diabetes mellitus. A randomised controlled trial. *Women & Birth* 31(4): e232-e238.
4. Šklempe Kokić, I., Ivanišević M., Uremović, M., Kokić, T., Pišot, R., Šimunič, B. (2017.). Effect of therapeutic exercises on pregnancy-related low back pain and pelvic girdle pain: Secondary analysis of a randomized controlled trial. *Journal of Rehabilitation Medicine* 49(3): 251-257.
5. Šklempe Kokić, I., Schuster, S., Brumnić, V., Znika, M. (2017). Pelvic floor and gymnastics: A physiotherapy perspective. In: Samardžija Pavletič, M., Istenič, N. Delaš Kalinski, S., Bučar Pajek, M. (Eds.). 4th International Scientific Congress, Slovenian Gymnastics Federation, Plenary Lectures, Invited Proceedings, Book of Abstracts and Book of Proceedings. Ljubljana: Gimnastička zveza Slovenije, p. 46-59.

Selected publications (max 5 papers)

1. Schuster, S., Šklempe Kokić, I., Sindik, J. (2016). Measuring physical activity in pregnancy using questionnaires: a meta-analysis. *Acta clinica Croatica* 55(3): 440-452.
2. Šklempe Kokić, I. (2014). Exercise and gestational diabetes mellitus. *Periodicum Biologorum* 116(1): 83-87.
3. Schuster, S., Šklempe Kokić, I., Elvedić Gašparović, V. (2016). A multidisciplinary approach to pelvic floor muscles dysfunction in female athletes. *Gynaecologia et Perinatologia* 25(1): 13-19.
4. Šklempe Kokić, I., Uremović, M., Kokić, T. (2012). Kineziterapija nakon ozljede medijalnog kolateralnog ligamenta. *Hrvatski športskomedicinski vjesnik* 27(1): 3-9.
5. Miletić, M., Šklempe Kokić, I., Vuletić, V. (2014). Utjecaj provođenja programa vježbanja na prevenciju padova osoba s Parkinsonovom bolesti. *Hrvatska revija za rehabilitacijska istraživanja* 49(2): 172-79.

Name	Lidija Šoher, MNutr
E-mail	lidija.soher@ptfos.hr
Researcher ID	370391
Employment	Faculty of Food Technology Osijek, Josip Juraj Strossmayer University of Osijek
Position - title	Assistant
Title, date of last appointment	28 th May 2018
Working experience	2017-2018 Faculty of Food Technology Osijek; Department of Food and Nutrition Research; Chair for Food Quality 2018 Faculty of Food Technology Osijek; Department of Food and Nutrition Research; Chair for Nutrition
Education and training	2019 Faculty of Food Technology Osijek <ul style="list-style-type: none"> • Postgraduate study in <i>Food Technology and Nutrition</i>, Module: <i>Nutrition</i> 2014 - 2016 Faculty of Food Technology Osijek <ul style="list-style-type: none"> • University graduate study in <i>Food Science and Nutrition</i>
List of publications in the past five years (max. 5)	
1. Šoher, Lidija; Penava, Ariana; Škoko Vukušić Lada, Kenjerić Daniela. Consumption of energy and soft drinks among high school students. <i>Book of Abstracts of the 12th International Scientific and Professional Conference With Food To Health</i> , 2019	
Selected publications (max 5 papers)	
1. Platužić, Ivana; Šoher, Lidija; Kenjerić, Daniela. Assessment of nutritional status in elderly by body mass index and bioelectric impedance. <i>Book of Abstracts of the 11th International Scientific and Professional Conference With Food To Health</i> , 2018	

Name	Assist. Prof. Dr. Zvonimir Tomac
E-mail	ztomac@kifos.hr
Researcher ID	300025
Employment	Faculty of Kinesiology Osijek
Position - title	Assistant Professor
Title, date of last appointment	8 th July 2015, Assistant Professor
Working experience	<p>2020 - Assistant Professor at the Faculty of Kinesiology Osijek</p> <p>2019 - Head of Department of Kinesiology, Faculty of Education, Josip Juraj Strossmayer University of Osijek</p> <p>2015 - Assistant Professor at the Faculty of Education, Josip Juraj Strossmayer University of Osijek</p> <p>2015 - external associate, Faculty of Medicine in Osijek</p> <p>2014 – external associate, Faculty of Kinesiology University of Zagreb, Chair for Sports Gymnastics</p> <p>2013 - 2014 Senior Assistant, Faculty of Education Osijek</p> <p>2007 - 2013 Assistant, Faculty of Education Osijek</p> <p>2006 - 2007 teacher of Physical Education Grammar School (III. Gimnazija Osijek)</p> <p>2006 - 2007 external associate, Faculty of Education Osijek</p> <p>2005 teacher of Physical Education in Primary School Fran Krsto Frankopan in Osijek</p> <p>2001 - 2004 Demonstrator, Chair for Sports Gymnastics, Faculty of Kinesiology University of Zagreb</p>
Education and training	<p>2013 Faculty of Kinesiology, University of Zagreb, defended PhD Thesis</p> <p>2006 enrolled postgraduate doctoral study in Kinesiology, Module: Kinesiology Education</p> <p>2005 Faculty of Kinesiology, University of Zagreb, study programme in Kinesiology Recreation</p> <p>1999 Secondary Medical School Osijek, (Physiotherapy technician)</p> <p>1995 Primary School Vladimir Becić, Osijek</p> <p>2001 scholarship awarded by the city of Osijek</p> <p>2007 scholarship awarded by the Osijek-Baranja County</p>
List of publications in the past five years (max. 5)	

1. Babin, B., Trajkovski, B. and **Tomac, Z.** (2020). Sex and Age Differences in the Anthropological Characteristics of Early School – Aged Children. *Sport Science*, 14 (1). 27 – 32.
2. Susko, V, Trajkovski, B; **Tomac, Z.** (2020). Differences in the Motor Skill of Mastering Space and the Kinanthropological Characteristics of Preschool Children. *Sport Science*, 13 (1), 132-136.
3. Ajman, H; **Tomac, Z.** (2019). Differences in Biological Age of the Best U11 and U13 Teams in Croatia. *Journal of Human Sport and Exercise*, 14 (Proc5), 2375 - 2379.
4. Bogut, I; Popović, Z; **Tomac, Z;** Matijević, V; Radmilović, G. (2019). Prevalence of Foot Deformities in Young Schoolchildren in Slavonia. *Acta Clinica Croatica*, 58 (2), 288-294.
5. Trajkovski, B; Kordiš, T; **Tomac, Z.** (2017). Relationship between Kinanthropometric Characteristics of Preschool Children and the Level of the Physical Activity of Their Parents. *Acta kinesiologica*, 11 (S1), 19 – 24.

Selected publications (max 5 papers)

1. **Tomac, Z;** Hraski, Z. (2016). Influence of Familiarization of Preschool Children with Motor Tests on Test Results and Reliability Coefficients. *Perceptual and Motor Skills*, 123 (3), 717-736.
2. Šumanović, M; **Tomac, Z;** Košutić, M. (2016). Primary School Teachers' Attitudes about Difficulties in Physical Education (PE). *Croatian Journal of Education*, 18 (1), 177-191.
3. **Tomac, Z;** Vidranski, T; Ciglar, J. (2015). Tjelesna aktivnost djece tijekom redovnog boravka u predškolskoj ustanovi. *Medica Jadertina*, 45 (3-4), 97-104.
4. Vidranski, T; **Tomac, Z;** Farkaš, D. (2015). Motor Proficiency of Students with Cochlear Implants. *Croatian Review of Rehabilitation Research*, 51 (1), 1-9.
5. **Tomac, Z;** Hraski, Z; Sporiš, G. (2012). The assesment of preschool children's motor skills after familiarization with motor test. *Journal of Strenght and Conditioning Research*, 26 (7), 1792 – 1798.

Name	Assoc. Prof. Dr. Zvonimir Užarević
E-mail	zuzarevic@foozos.hr
Researcher ID	254796
Employment	Faculty of Education, Josip Juraj Strossmayer University of Osijek
Position - title	Associate Professor
Title, date of last appointment	Associate Professor, 15th November 2019
Working experience	<p>1999 - 2000 teacher of Biology, Secondary School Mate Balota in Poreč</p> <p>2000 - 2001 teacher of Biology and Chemistry, Secondary School Matija Antun Reljković in Slavonski Brod</p> <p>2000 - 2004 employed at the Department of Biology, Faculty of Education, Josip Juraj Strossmayer University of Osijek</p> <p>2002 Junior Assistant in Sciences (Biology)</p> <p>2003 inaugural lecture, appointed to Lecturer (nominal title) in Sciences (Biology)</p> <p>2004 - 2006 teacher of Biology and Chemistry in Secondary School Matija Antun Reljković in Slavonski Brod</p> <p>2006 Assistant in Sciences, field of Biology</p> <p>2006 - 2008 employed at the Department of Cell Biology with Ecophysiology of Plants, Department of Biology, Josip Juraj Strossmayer University of Osijek</p> <p>2008 employed at the Department of Sciences, Faculty of Education, Josip Juraj Strossmayer University of Osijek</p> <p>2011 – Senior Assistant in Sciences (Biology, General Biology and Biochemistry with Molecular Biology)</p> <p>2014 - Assistant Professor in Interdisciplinary Sciences, elective fields of Basic Medical Sciences and Interdisciplinary Biotechnical Sciences</p> <p>2019 - Associate Professor in Interdisciplinary Sciences, elective fields of Basic Medical Sciences and Interdisciplinary Biotechnical Sciences</p>
Education and training	<p>1989 - completed primary education in Gundinci</p> <p>1993 - Medicinal Technician, secondary education (Medical School in Slavonski Brod)</p> <p>1993 - double-major Teacher Study of Biology and Chemistry at the Faculty of Teacher Education in Osijek, Josip Juraj Strossmayer University of Osijek</p> <p>1998 - teacher of Biology and Chemistry, diploma paper in Organic Chemistry entitled “Synthesis of bis-coumarin chemiluminescent compounds”</p> <p>2007 - enrolled Postgraduate interdisciplinary study of Molecular Biosciences, Josip Juraj Strossmayer University of Osijek, Ruđer Bošković Institute in Zagreb and the University of Dubrovnik</p> <p>2011 - PhD, Doctoral Thesis entitled “Activity of the Hh-Gli signaling pathway in estrogen-dependent (MCF-7) and</p>

estrogen-independent (SkBr-3) breast tumor cell lines”
List of publications in the past five years (max. 5)
<ol style="list-style-type: none"> 1. Ivanišević, Z., Užarević, Z., Lešić, S., Včev, A., Matijević, M. Oral Health of Children from the SOS Children’s Village in Croatia. <i>International Journal of Environmental Research and Public Health</i>. 2021; 18(2):616. 2. Užarević, Z., Ivanišević, Z., Karl, M., Tukara, M., Karl, D., Matijević, M. Knowledge on Pre-Hospital Emergency Management of Tooth Avulsion among Croatian Students of the Faculty of Education. <i>International Journal of Environmental Research and Public Health</i>. 2020; 17(19):7159. 3. Jurlina, D., Užarević, Z., Ivanišević, Z., Matijević, N., Matijević, M. Prevalence of Molar–Incisor Hypomineralization and Caries in Eight-Year-Old Children in Croatia. <i>International Journal of Environmental Research and Public Health</i>. 2020; 17(17):6358. 4. Užarević, Z., Ivanišević, Z., Velki, T., Mlinarević, V., Nikolašević, V., Matijević, N., Matijević, M. Knowledge on Pre-Hospital Emergency Management of Tooth Avulsion among Croatian Kindergarten Teachers. <i>Collegium antropologicum</i>. 2020; 44(3): 133-138. 5. Velki, T., Užarević, Z., Dubovicki, S. Self-Evaluated ADHD Symptoms as Risk Adaptation Factors in Elementary School Children. <i>Društvena istraživanja</i>. 2019; 28(3): 503-522.
Selected publications (max 5 papers)
<ol style="list-style-type: none"> 1. Ivanišević, Z., Užarević, Z., Lešić, S., Včev, A., Matijević, M. Oral Health of Children from the SOS Children’s Village in Croatia. <i>International Journal of Environmental Research and Public Health</i>. 2021; 18(2):616. 2. Užarević, Z., Ivanišević, Z., Karl, M., Tukara, M., Karl, D., Matijević, M. Knowledge on Pre-Hospital Emergency Management of Tooth Avulsion among Croatian Students of the Faculty of Education. <i>International Journal of Environmental Research and Public Health</i>. 2020; 17(19):7159. 3. Jurlina, D., Užarević, Z., Ivanišević, Z., Matijević, N., Matijević, M. Prevalence of Molar–Incisor Hypomineralization and Caries in Eight-Year-Old Children in Croatia. <i>International Journal of Environmental Research and Public Health</i>. 2020; 17(17):6358. 4. Užarević, Z., Ivanišević, Z., Velki, T., Mlinarević, V., Nikolašević, V., Matijević, N., Matijević, M. Knowledge on Pre-Hospital Emergency Management of Tooth Avulsion among Croatian Kindergarten Teachers. <i>Collegium antropologicum</i>. 2020; 44(3): 133-138. 5. Velki, T., Užarević, Z., Dubovicki, S. Self-Evaluated ADHD Symptoms as Risk Adaptation Factors in Elementary School Children. <i>Društvena istraživanja</i>. 2019; 28(3): 503-522.

Name	Prof. Dr. Aleksandar Včev
E-mail	aleksandar.vcev@fdmz.hr
Researcher ID	141721
Employment	Faculty of Dental Medicine and Health
Position - title	Full Professor (tenure)
Title, date of last appointment	2011 Full Professor (tenure) in Biomedicine and Health, field of Clinical and Medical Sciences 2019 Full Professor (tenure) in Biomedicine and Health, field of Basic Medical Sciences
Working experience	1985 -1986 intern, Clinical Hospital Osijek and Clinical Hospital Zadar 1986 -1989 young researcher, Chair for Pathophysiology Faculty of Medicine, University of Zagreb, (study of Medicine in Osijek) 1989 - external associate, Chair for Pathophysiology, Faculty of Medicine University of Zagreb, (study of Medicine in Osijek) since 1989 employed at Internal Diseases Clinic, Clinical Hospital Osijek 2001 - 2004 Head of Management Board, Health Centre Osijek 2001 – 2003 Director of Clinical Hospital Osijek 2002 - 2017 Head of Internal Diseases Clinic, Clinical Hospital Osijek 2004 -2018 Head of Chair for Internal Medicine, Faculty of Medicine, Josip Juraj Strossmayer University of Osijek 2005 Director, Clinical Hospital Osijek 2005 – 2009 Vice Dean for Education and Student Affairs, Faculty of Medicine, Josip Juraj Strossmayer University of Osijek 2008 – 2010 member of Management Board of Clinical Hospital Osijek 2009 – 2017 Dean of the Faculty of Medicine, Josip Juraj Strossmayer University of Osijek since 2018 Dean of the Faculty of Dental Medicine and Health Osijek
Education and training	1985 graduated from the Faculty of Medicine in Zagreb (Study of Medicine in Osijek) 1987 postgraduate study in Clinical Pathophysiology, Faculty of Medicine in Rijeka 1989 MSc „Influence of extrahepatic cholestasis on serum protein values“ 1993 Specialty Examination (Internal Medicine) 1994 Faculty of Medicine in Rijeka, defended Doctoral Thesis entitled: Biochemical and Pathomorphological Changes in the Liver and in the Kidneys during the Obstructive Jaundice in Rats 1995 graduated from postgraduate study in Gastroenterology

and Hepatology, Faculty of Medicine, University of Zagreb
2004 status of a subspecialist in Gastroenterology and a
recognized title of Primarius by the Ministry of Health and
Social Care of the Republic of Croatia

List of publications in the past five years (max. 5)

1. Talapko J, Skrlec I, Alebic T, Jukic M, Vcev A. Malaria: The Past and the Present. *Microorganisms*. 2019;7(6):E179. (IF 4.167; Q2)
2. Kuzman Z, Mlinarevic-Polic I, Aleric I, Katalinic D, Vcev A, Babic D. Clinical evaluation of psychiatric and behavioral disorders in adolescents with epilepsy: a cross-sectional study. *Nord J Psychiatry*. 2020; doi: 10.1080/08039488.2020.1715475. (IF 2.061; Q2)
3. Kuna L, Jakab J, Smolic R, Lucic NR, Vcev A, Smolic M. Peptic Ulcer Disease: A Brief Review of Conventional Therapy and Herbal Treatment Options. *J Clin Med*. 2019;8(2):179. (IF 5.688; Q1)
4. Aleric I, Katalinic D, Vcev A, Kattner E, Bildat S, Krieger-Borgstaedt V, Toetome L. The expression of HER2-gene polymorphisms -1985 G>T and P1170A C>G and their association with the risk of development of lung adenocarcinoma. *Ann Oncol*. 2019;43:134. (IF 14.196; Q1)
5. Martinovic I, Lindemann S, Irsusi M, Mirat J, Vcev A, Wittlinger T, Noutsias M. Promising 12-months clinical results for anaortic multivessel all-arterial minimally invasive direct coronary bypass surgery via distal mini-sternotomy. *Eur J Heart Fail*. 2018; 20(1):486. (IF 12.129; Q1)

Selected publications (max 5 papers)

1. Boban M, Bulj N, Zeljkovic KM, Radeljic V, Krcmar T, Trbusic M, Brkljacic DD, Alebic T, Vcev A. Nutritional Considerations of Cardiovascular Diseases and Treatments. *Nutrition and Metabolic Insights*. 2019;12:1-9. (IF 0.650; Q2)
2. Holik D, Vcev A, Srb AM, Salinger Z, Ivanisevic Z, Vcev I, Miskulin M. The Effect of Daily Physical Activity on the Activity of Inflammatory Bowel Diseases in Therapy-Free Patients. *Acta Clin Croat*. 2019;58(2):202-12. (IF 0.532; Q3)
3. Boban M, Laviano A, Persic V, Rotim A, Jovanovic Z, Vcev A. Characteristics of NRS-2002 nutritional risk screening in patients hospitalized for secondary cardiovascular prevention and rehabilitation. *J Am Coll Nutr*. 2014;33(6):466-73. (IF 1.453; Q1)
4. Mihalj M, Tadzic R, Vcev A, Rucevic S, Drenjancevic I. Blood pressure reduction is associated with the changes in oxidative stress and endothelial activation in hypertension, regardless of antihypertensive therapy. *Kidney Blood Press Res*. 2016;41(6):721-35. (IF 3.104; Q2)
5. Drenjancevic I, Tadzic R, Mihalj M, Vcev A. Endothelial activation and endothelial-leukocyte interaction in hypertension. *J Vasc Res*. 2015;52(1):21. (IF 2.186; Q1)

Name	Assist. Prof. Dr. Saša Vuk
E-mail	sasa.vuk@kif.hr
Researcher ID	306230
Employment	Faculty of Kinesiology, University of Zagreb
Position - title	Assistant Professor
Title, date of last appointment	Assistant Professor, 27th November 2017
Working experience	<ul style="list-style-type: none"> - Faculty of Kinesiology, University of Zagreb - Faculty of Education, Josip Juraj Strossmayer University of Osijek
Education and training	<ul style="list-style-type: none"> - Grammar School (XV. gimnazija u Zagrebu (MIOC) (1994 - 1998) - Integrated undergraduate and graduate study in Kinesiology, Faculty of Kinesiology in Zagreb, module: Fitness training of athletes (2000-2005) - Postgraduate PhD study in Kinesiology, Faculty of Kinesiology, University of Zagreb, module: Kinesiology of Sports (2007-2011) - Postdoctoral education in National Institute of Sport, Expertise, and Performance (INSEP, Paris, France) (2015)
List of publications in the past five years (max. 5)	
<ol style="list-style-type: none"> 1. Vuk, S. and Vulama, V. (2019) Metoda negativnih ponavljanja. In: Milanović, L., Wertheimer, V. & Jukić, I. (Eds.) Zbornik radova 17. međunarodna konferencija Kondicijska priprema sportaša 2019. Zagreb, Kineziološki fakultet Sveučilišta u Zagrebu i Udruga kondicijskih trenera Hrvatske, p. 175-178. 2. Saric, J., Lisica, D., Orlic, I., Grgic, J., Krieger, J., Vuk, S. & Schoenfeld, B. (2018) Resistance Training Frequencies Of 3 And 6 Times Per Week Produce Similar Muscular Adaptations In Resistance-Trained Men. Journal of strength and conditioning research, 33(Suppl 1), 122-129 doi:10.1519/JSC.0000000000002909. 3. Vuk, S. (2018) Effects of Strength Training on Jump Height in Elderly People. In: 12th International Society of Physical & Rehabilitation Medicine (ISPRM) World Congress. Pariz, France, 08 -12 July 2018 4. Vuk, S. & Corak, N. (2017) Effects of Resistance Training on Health Related Fitness In Elderly People. In: Official Journal of the American College of Sports Medicine: Medicine and Science in Sports & Exercise. Denver, Colorado, ACSM, 1996, 1. 5. Vuk, S. & Čorak, N. (2017) Effects of Strength Training on Vertical Jump Performance in Very Old People. In: Milanović, D., Sporiš, G., Šalaj, S. & Škegro, D. (Eds.) Proceedings book of 8th International Scientific Conference on Kinesiology “20th Anniversary”. Zagreb, Faculty of Kinesiology, University of Zagreb, p. 669-672 	
Selected publications (max 5 papers)	
<ol style="list-style-type: none"> 1. Šarić, J., Lisica, D., Orlić, I., Grgić, J., Krieger, J., Vuk, S. & Schoenfeld, B. (2018) 	

- Resistance Training Frequencies Of 3 And 6 Times Per Week Produce Similar Muscular Adaptations In Resistance-Trained Men. *Journal of strength and conditioning research*, 00 (00), 1-8 doi:10.1519/JSC.0000000000002909.
2. Vuk, S., Gregov, C. & Marković, G. (2015) Relationship between knee extensor muscle strength and movement performance: The effect of load and body size. *Kinesiology: international journal of fundamental and applied kinesiology*, 47(1), 27-32.
 3. Vuk, S. & Čorak, N. (2015) Morphological characteristics of a top-level bodybuilder during preparation for competition: a case study. *Sport science*, 8 (2), 7-12.
 4. Vuk, S., Marković, G. & Jarić, S. (2012) External loading and maximum dynamic output in vertical jumping: The role of training history. *Human movement science*, 31 (2), 139-151 doi:.org/10.1016/j.humov.2011.04.007.
 5. Marković, G., Vuk, S. & Jarić, S. (2011) Effects of jump training with negative versus positive loading on jumping mechanics. *International journal of sports medicine*, 32 (5), 365-372 doi:10.1055/s-0031-1271678.

Name	Sonja Vukadin
E-mail	sonja.vukadin@fdmz.hr
Researcher ID	338022
Employment	Faculty of Dental Medicine and Health, Josip Juraj Strossmayer University of Osijek
Position - title	Assistant
Title, date of last appointment	Assistant, 29 th April 2020
Working experience	Faculty of Dental Medicine and Health Mater Misericordiae University Hospital, Dublin, Ireland Beaumont Hospital, Dublin, Ireland Our Lady of Lourdes Hospital, Drogheda, Ireland Clinical Hospital Osijek Faculty of Medicine Osijek
Education and training	2001 - 2005 Grammar School in Valpovo 2005 - 2011 Faculty of Medicine Osijek 2012 - Postgraduate doctoral study in Biomedicine and Health, Faculty of Medicine Osijek
List of publications in the past five years (max. 5)	
<ol style="list-style-type: none"> 1. Bojanic K, Vukadin S, Grgic K, Malenica L, Sarcevic F, Smolic R, Kralik K, Včev A, Wu GY, Smolic M. The accuracy of breast cancer risk self-assessment does not correlate with knowledge about breast cancer and knowledge and attitudes towards primary chemoprevention. <i>Prev Med Rep.</i> 2020 Oct 20;20:101229. doi: 10.1016/j.pmedr.2020.101229. PMID: 33145151; PMCID:PMC7593623 (IF=2.40, Q1). 	
Selected publications (max 5 papers)	
<ol style="list-style-type: none"> 1. Bojanic K, Vukadin S, Sarcevic F, Malenica L, Grgic K, Smolic R, Kralik K, Bilic Curcic I, Ivanac G, Wu GY, Smolic M. Impact of Breast Density Awareness on Knowledge about Breast Cancer Risk Factors and the Self-Perceived Risk of Breast Cancer. <i>Diagnostics (Basel).</i> 2020 Jul 20;10(7):496. doi: 10.3390/diagnostics10070496. PMID: 32698375; PMCID: PMC7399945. (IF 4.717, Q1) 	

Name	Daria Župan Tadijanov, PhD
E-mail	dariazt@kifos.hr
Researcher ID	
Employment	Faculty of Education, Josip Juraj Strossmayer University of Osijek Faculty of Kinesiology, Josip Juraj Strossmayer University of Osijek
Position - title	Lecturer
Title, date of last appointment	Lecturer, 18th February 2015
Working experience	teacher of Physical Education in: Secondary School (Trgovačka i komercijalna škola Davor Milas Osijek) (2008) Primary School Franjo Krežma in Osijek (2008) Primary School Dobriša Cesarić in Osijek (2009) Primary School Franjo Krežma in Osijek (2009) Primary School Mladost in Osijek (2009) Primary School Dobriša Cesarić in Osijek (2010) Primary School Retfala in Osijek (2010) School of Economics Osijek (2011) Jesuit high school in Osijek (2012) Grammar School (III. Gimnazija in Osijek) (2012) Primary School Jagoda Truhelka in Osijek (2012) Primary School August Šenoa in Osijek (2012-2013) Primary School Fran Krsto Frankopan in Osijek (2013-2014)
Education and training	Grammar School (Prirodoslovno matematička gimnazija Osijek) Faculty of Kinesiology in Zagreb, major in Kinesitherapy (graduated in 2010) PhD study in Kinesiology, Module: Kinesiology Education (graduated in 2021)
List of publications in the past five years (max. 5)	
<ol style="list-style-type: none"> 1. Krešimir Ižaković; Branko Jovanovac; Daria Župan: Influence of the frequency of physical activities on anthropometric characteristics of male and female students at the Faculty of Agriculture in Osijek. Zbornik radova 5. međunarodnog znanstvenog simpozija “Gospodarstvo istočne Hrvatske – vizija i razvoj” Osijek, 2-4 June 2016., p. 411-421 2. Budetić, Vedran; Velki, Tena; Župan, Daria. Odnos bavljenja sportskim aktivnostima i socio- emocionalni razvoj adolescenata. // Zbornik 26. ljetne škole kineziologija Republike Hrvatske: Kineziološke kompetencije u područjima edukacije, sporta, sportske rekreacije i kineziterapije / Findak, Vladimir (Ed.). Poreč, 2017. 127-131 (lecture, national peer review, published paper). 3. Vidranski, Tihomir; Otković, Petar; Zupan Tadijanov, Daria Differences in technical-tactical indicators of Karate Kumite between the World Championship in Tokyo 2008 and Madrid 2018 // Journal of Human Sport and Exercise, 14 (2019), Proc5; 2470-2479 doi:0.14198/jhse.2019.14.Proc5.64 (international peer review, research paper) 4. Daria Župan Tadijanov, Jurica Lovrinčević, Dražen Rastovski; Life satisfaction of different study programmes at the Faculty of Education as a potential factor of development//9th International Scientific Symposium „ Region Entrepreneurship Development“ Mirna Leko Šimić, PhD; Boris Crnković, PhD (Eds.) Josip Juraj 	

Strossmayer University of Osijek, Faculty of Economics in Osijek, Croatia (2020) 1445-1456.

5. Župan Tadijanov, Daria. Differences in motor abilities among the students of Kinesiology Department in Osijek // *Life and school*, 66 (2020). 1; 97 – 103 (preliminary communication)

Selected publications (max 5 papers)

1. Farkaš, Daria; Tomac, Zvonimir; Petrić, Vilko; Novak, Dario. Anthropometric characteristics and obesity indicators among preschool children in an urban area in Croatia. // *Graduate Journal of Sport, Exercise & Physical Education Research*. 3 (2015) ; 13-27 (research article)
2. Vidranski, Tihomir; Tomac, Zvonimir; Farkaš, Daria. Motor proficiency of students with cochlear implants. // *Croatian Review of Rehabilitation Research*. 51 (2015), 1; 1-9 (research article).
3. Vidranski, Tihomir; Farkaš, Daria. Motor Skills in Hearing Impaired Children With or Without Cochlear Implant - A Systematic Review. // *Collegium antropologicum. Supplement*. 39 (2015), Suppl. 1; 173-179 (review paper, research paper).
4. Krešimir Ižaković; Branko Jovanovac; Daria Župan: Influence of the frequency of physical activities on anthropometric characteristics of male and female students at the Faculty of Agriculture in Osijek. *Zbornik radova 5. međunarodnog znanstvenog simpozija "Gospodarstvo istočne Hrvatske – vizija i razvoj"* Osijek, 2-4 June 2016, p. 411-421
5. Župan Tadijanov, Daria. Differences in motor abilities among the students of Kinesiology Department in Osijek. // *Life and school*, 66 (2020). 1; 97 – 103 (preliminary communication)

Name	Assoc. Prof. Dr. Frane Žuvela
E-mail	frane.zuvela@kifst.hr
Researcher ID	277035
Employment	Faculty of Kinesiology, University of Split
Position – title	
Title, date of last appointment	Assoc. Prof. 26 th October 2016
Working experience	Faculty of Kinesiology, University of Split
Education and training	Secondary School (Srednja Tehnička škola) (1992-1996) Faculty of Kinesiology Split (1996-2001) MSc, 20 th December 2005, Faculty of Kinesiology, University of Zagreb PhD, 21 st December 2009 Faculty of Kinesiology, University of Split
List of publications in the past five years (max. 5)	
<ol style="list-style-type: none"> 1. Kovačević, Ž., Žuvela, F., & Kuvačić, G. (2018). <u>Metric Characteristics of Tests Assessing Speed and Agility in Youth Soccer Players</u>. <i>Sport Mont Journal</i>, 16 (3), 9-14. 2. Žuvela, F., Kezić, A., & Krstulović, S. (2016). Morphological and motor-functional factors influencing fundamental movement skills in eight-year-old children. <i>Iranian Journal of Pediatrics</i> 26(6), e5709. 3. Rađa, A., Erceg, M., Žuvela, F., Krstulović, S., Kuvačić, G., & Markoviski, N. (2016). Differences in ball velocity using different kicking techniques among young futsal players. <i>Research in Physical Education, Sport and Health</i>, 5 (1), 51-55. 	
Selected publications (max 5 papers)	
<ol style="list-style-type: none"> 1. Kovačević, Ž., Žuvela, F., & Kuvačić, G. (2018). <u>Metric Characteristics of Tests Assessing Speed and Agility in Youth Soccer Players</u>. <i>Sport Mont Journal</i>, 16 (3), 9-14. 2. Žuvela, F., Borović, S., & Foretić, N. (2011). Correlation of motor abilities and javelin throwing result depends on the throwing technique. <i>Facta Universitatis. Series: physical Education and Sport</i>, 9 (3), 219-227. 3. Krstulović, S., Maleš, B., Žuvela, F., Erceg, M., & Miletić, Đ. (2010). Judo-soccer-track and field differential effects on some anthropological characteristics in seven-year-old boys. <i>Kinesiology: international journal of fundamental and applied kinesiology</i>, 42, 56-64. 	

5.9. ESTIMATION OF STUDY COST PER STUDENT: FINANCIAL EVALUATION

TABLE 5 FINANCIAL EVALUATION

		N	N+1	N+2
1.	Revenues	425.000,00	690.000,00	955.000,00
a)	International (Aid grants) and national			
b)	Property revenues			
c)	Revenues from administrative fees and revenues based on special regulations			
d)	Own revenues (revenues generated in the market)			
e)	Donations from legal entities and natural persons			
f)	Budget revenues for financing the regular activities of budget users	425.000,00	690.000,00	955.000,00
2.	Operating expenses	365.000,00	570.000,00	775.000,00
a)	Expenses for employees (salaries, contributions and other expenses for employees)	320.000,00	480.000,00	640.000,00
b)	Material expenses (remuneration, materials and energy, expenses for services and other expenses)	45.000,00	90.000,00	135.000,00
c)	Financial expenses (interest and other financial expenses)			
d)	Subsidies			
e)	Supports for international issues and on a state level			
f)	Reimbursement to citizens and households based on insurance and other			

	reimbursement			
g)	Other expenses			
3.	Surplus / deficit of business revenue (6 - 3)			
a)	Revenue from the sale of non - financial assets			
b)	Expenditures for the acquisition of non-financial assets, buildings, plant and equipment, means of transport, books, etc.	60.000,00	120.000,00	180.000,00
4.	Surplus / deficit of revenue from non-financial assets (7 - 4)			
a)	Receipts from financial assets and borrowings			
b)	Expenses for financial assets and loan repayment			
5.	Surplus/deficit of receipt from financial assets and financial liability (8 - 5)			
6.	Total revenues and receipts	425.000,00	690.000,00	955.000,00
7.	Total expenses and expenditures	425.000,00	690.000,00	955.000,00
8.	Surplus/deficit of revenues and receipt	0,00	0,00	0,00

5.10. METHODS OF MONITORING THE QUALITY AND EFFICIENCY OF THE STUDY PROGRAMME, ESPECIALLY THE METHODS OF STUDY PROGRAMME EVALUATION

Regular activities of the quality assurance system at the Faculty of Education refer to conducting university and internal student surveys, collecting and analysing indicators of the quality of study, writing Self-evaluation report and Annual reports on the system operation and coordination of the University stakeholders.

Monitoring the quality and efficiency of the realisation of study program at several levels.

In an anonymous survey, at the first level and upon completing the summer semester, students report on:

- course content and literature coverage
- university teachers (quality of presenting and explaining the course topics and materials to be mastered)
- the time required to master the course topics and materials.

The representatives of the Student Union participate in the student survey process, and the results of the survey are analysed by the Quality Assurance Committee and, if necessary, propose the necessary measures to the Faculty management board. The IT office prepares and sends individual results to each university teacher, who is in charge of a respective course. They are required to review the survey results with their assistants. The results of the student survey are used when checking the fulfillment of the necessary criteria of the Rectors' Conference, for the assessment of teaching and professional activities in the procedure of appointment to artistic-teaching titles, scientific-teaching titles and teaching titles.

At the second level, in a survey (Self-evaluation report), university teachers assess the attitude towards the teaching process, work environment and the students. The scope of assessment refers in particular to:

- teaching conditions
- the existing equipment and the need for new equipment and relevant literature
- success in mastering the course topics
- regularity of attending classes and student engagement during the classes.

By comparing the results of the student and teacher survey, an overview of the success of the study program will be obtained, so teachers will gain insight into the reliability of assessing the quality of their teaching.

At the semester level, the quality of the study program is monitored within the theme talks between university teachers and students referring to course content and learning outcomes (purpose of selected content, amount of content); the way content is presented, i.e. the transfer of knowledge and skills; knowledge and skill tests, and the student workload.

At the annual level, the quality and success of the study program are discussed at the meetings of the departments and chairs, also some study program changes can be proposed, being in accordance with the instructions of the Senate of Josip Juraj Strossmayer University of Osijek.

Finally, the success of employment of graduates, their professional advancement, as well as their suggestions based on the acquired work experience are monitored. The experiences of university teachers from akin studies have been reviewed, as well as the recommendations of associations/agencies in the European higher education system.

5.11. PROVISION OF HIGHER EDUCATION INSTITUTION'S SUPPORT TO STUDENTS (ACADEMIC, PROFESSIONAL, PSYCHOLOGICAL COUNSELING AND SIMILAR)

Care for students is a fundamental assumption and starting point for all activities at the Faculty of Kinesiology Osijek. It is evident in the efforts made to solve the problems of student standard in Osijek and incorporating the possibilities to protect students and their interests, as stipulated by the regulations of the Faculty.

The support for students in the study process is provided by:

- university teachers (as part of regular weekly consultations help students to understand the teaching material and prepare for the exams and for the acquiring of learning outcomes), help in motor performance acquisition and mastering motor skills
- study year coordinator (provides students with assistance in the learning process, selection of elective courses and in finding information on opportunities for professional and scientific training),
- library staff (help students choose reading materials, and participate in the process of acquiring knowledge),
- employees in the Office for Student Affairs (issue written certificates of student status, transcripts of records, etc. and provide all other information related to studying).

Student Union of the Faculty of Kinesiology Osijek provides support during the study period in the broadest sense, and encourages the improvement of study conditions, as well as exercising student rights, etc.).

Special attention is paid to students with special needs. Various forms of support for students have recently been introduced, such as adapted teaching aids, teaching assistant for students with disabilities. The results of student survey on the quality of teaching are used as an important indicator in assessing the quality of teaching and recognising the need to eliminate shortcomings in its implementation.



REPUBLIKA HRVATSKA
MINISTARSTVO ZNANOSTI I OBRAZOVANJA
mzo.gov.hr

KLASA: UP/1-602-04/20-02/00003
URBROJ: 533-04-20-0003

Zagreb, 11. rujna 2020. godine

Sveučilište Josipa Jurja Strossmayera
u Osijeku - REKTORAT

Primljeno: 17.9.2020		
Klasifikacijska oznaka	Org. jed.	
602-04/20-02/1	01	
Uredbeni broj	Pril.	Vrij.
20-10		

Na temelju članka 96. Zakona o općem upravnom postupku (Narodne novine, broj 47/09), na zahtjev Sveučilišta Josipa Jurja Strossmayera u Osijeku, ministar znanosti i obrazovanja izdaje

DOPUSNICU

I. Sveučilištu Josipa Jurja Strossmayera u Osijeku
Kineziološkom fakultetu Osijek
Drinska 16a,
Osijek
OIB: 70788591483

za obavljanje djelatnosti visokog obrazovanja.

- II. Dopusnica se izdaje pod uvjetom ishođenja pozitivne akreditacijske preporuke Agencije za znanost i visoko obrazovanje iz članka 22. Zakona o osiguravanju kvalitete u znanosti i visokom obrazovanju (Narodne novine, broj 45/09).
- III. Ministar znanosti i obrazovanja će sukladno članku 22. stavku 2. Zakona o osiguravanju kvalitete u znanosti i visokom obrazovanju predložiti Agenciji za znanost i visoko obrazovanje da provede postupak reakreditacije.

OBRAZLOŽENJE

Sveučilište Josipa Jurja Strossmayera u Osijeku podnijelo je dana 31. kolovoza 2020. godine Ministarstvu znanosti i obrazovanja (dalje: Ministarstvo) zahtjev za upis Kineziološkog fakulteta Osijek Sveučilišta Josipa Jurja Strossmayera u Osijeku u Upisnik visokih učilišta (KLASA: 602-04/20-02/1, URBROJ: 2158-60-01-20-5, od 25. kolovoza 2020. godine).

Zahtjevu za upis je priložena sljedeća dokumentacija:

1. Obrazac za upis u Upisnik visokih učilišta (od 26. kolovoza 2020. godine)
2. Mišljenje Odbora za statutarna i pravna pitanja Senata Sveučilišta Josipa Jurja Strossmayera u Osijeku na Privremeni Statut Kineziološkog fakulteta Osijek u sastavu Sveučilišta Josipa Jurja Strossmayera u Osijeku (KLASA: 602-04/20-08/6; URBROJ: 2158-60-01-20-40, od 14. srpnja 2020. godine);
3. Odluka Senata Sveučilišta Josipa Jurja Strossmayera u Osijeku o davanju suglasnosti na Privremeni Statut Kineziološkog fakulteta Osijek Sveučilišta Josipa Jurja Strossmayera u Osijeku (KLASA: 003-05/20-01/11, URBROJ: 2158-60-01-20-2, od 20. srpnja 2020. godine);



4. Odluka Senata Sveučilišta Josipa Jurja Strossmayera u Osijeku o imenovanju privremenog dekana Kineziološkog fakulteta Osijek u sastavu Sveučilišta Josipa Jurja Strossmayera u Osijeku (KLASA: 602-04/20-02/1, URBROJ: 2158-60-01-20-4, od 20. srpnja 2020. godine);
5. Zahtjev Uprave Sveučilišta Josipa Jurja Strossmayera u Osijeku za ocjenu sukladnosti sa Zakonom o ustanovama Odluke o osnivanju Sveučilišta Josipa Jurja Strossmayera u Osijeku (KLASA: 602-04/20-02/1, URBROJ: 2158-60-01-20-5, od 20. srpnja 2020. godine);
6. Odluka Senata Sveučilišta Josipa Jurja Strossmayera u Osijeku o osnivanju Kineziološkog fakulteta Osijek u sastavu Sveučilišta Josipa Jurja Strossmayera u Osijeku (KLASA: 602-04/20-02/1, URBROJ: 2158-60-01-20-2, od 20. srpnja 2020. godine);
7. Odluka Senata Sveučilišta Josipa Jurja Strossmayera u Osijeku o statusnoj promjeni Sveučilišta Josipa Jurja Strossmayera u Osijeku (KLASA: 602-04/20-02/1, URBROJ: 2158-60-01-20-3, od 20. srpnja 2020. godine);
8. Preslika Rješenja Visokog trgovačkog suda kojim se odbija žalba Republike Hrvatske, Ministarstva znanosti i obrazovanja kako neosnovana i potvrđuje rješenje Trgovačkog suda u Zagrebu, Poslovni broj: Tt-19/41342-4 od 7. siječnja 2020. godine;
9. Zahtjev za upis Kineziološkog fakulteta Osijek u sastavu Sveučilišta Josipa Jurja Strossmayera u Osijeku u Upisnik visokih učilišta Ministarstva znanosti i obrazovanja (KLASA: 602-04/20-02/1, URBROJ: 2158-60-01-20-5, od 20. srpnja 2020. godine);
10. Ugovor o međusobnim pravima i obvezama između Sveučilišta Josipa Jurja Strossmayera u Osijeku, Fakulteta za odgojne i obrazovne znanosti Sveučilišta Josipa Jurja Strossmayera u Osijeku i Kineziološkog fakulteta Osijek Sveučilišta Josipa Jurja Strossmayera u Osijeku (KLASA: 602-04/20-07/1, URBROJ: 2158-60-01-20-7);
11. Rješenja Trgovačkog suda u Osijeku o osnivanju ustanove i upisu u sudski registar ustanove Sveučilište Josipa Jurja Strossmayera u Osijeku, Kineziološki fakultet Osijek (Broj: Tt-20/3719-4 od 3. kolovoza 2020. godine);
12. Preslika Potvrde o osobnom identifikacijskom broju od 3. kolovoza 2020. godine;
13. Preslika Privremenog Statuta Sveučilišta Josipa Jurja Strossmayera u Osijeku, Kineziološkog fakulteta Osijek (srpanj 2020. godine);
14. Obavijest o razvrstavanju poslovnog subjekta prema NKD-u 2007. Državnog zavoda za statistiku (KLASA: 951-03/20-01/01, URBROJ: 555-10-06-20-2, od 4. rujna 2020. godine).

Iz priloga zahtjevu vidljivo je da se radi o novoosnovanoj ustanovi, Kineziološkom fakultetu Osijek u sastavu Sveučilišta Josipa Jurja Strossmayera u Osijeku osnovanoj Odlukom Senata Sveučilišta Josipa Jurja Strossmayera u Osijeku od 27. svibnja 2020. godine (KLASA: 602-04/20-1, URBROJ: 2158-60-01-20-2; dalje: Odluka Senata). Senat Sveučilišta Josipa Jurja Strossmayera u Osijeku je na temelju Elaborata o opravdanosti osnivanja i načinu ustroja Kineziološkog fakulteta Osijek u sastavu Sveučilišta Josipa Jurja Strossmayera u Osijeku (dalje: Elaborat) utvrdio ispunjenost uvjeta i opravdanost osnivanja Kineziološkog fakulteta Osijek kao javne ustanove i fakulteta u sastavu Sveučilišta Josipa Jurja Strossmayera u Osijeku. Sukladno Elaboratu i Odluci Senata javna ustanova i znanstveno- nastavna sastavnica Kineziološki fakultet Osijek u sastavu Sveučilišta Josipa Jurja Strossmayera u Osijeku nastaje izdavanjem i prijenosom akreditiranih sveučilišnih studija: preddiplomskog sveučilišnog studija *Kineziologija* i diplomskog sveučilišnog studija *Kineziološka edukacija* iz sastava Fakulteta za odgojne i obrazovne znanosti u sastavu Sveučilišta Josipa Jurja Strossmayera u Osijeku, za koje isti posjeduje potvrde, odnosno koji su upisani u Upisnik studijskih programa, te programa cjeloživotnog učenja: Program osposobljavanja za poslove voditelja sportsko-rekreacijskih aktivnosti i Program osposobljavanja za voditelja kondicijske pripreme također iz sastava Fakulteta za odgojne i obrazovne znanosti u sastavu Sveučilišta Josipa Jurja Strossmayera u Osijeku.

Ugovorom o međusobnim pravima i obvezama Sveučilišta Josipa Jurja Strossmayera u Osijeku, Fakulteta za odgojne i obrazovne znanosti Sveučilišta Josipa Jurja Strossmayera u Osijeku i



Kineziološkog fakulteta Osijek Sveučilišta Josipa Jurja Strossmayera u Osijeku zaključenim 21. srpnja 2020. godine utvrđen je prijenos akreditiranih preddiplomskih i diplomskih sveučilišnih studija, prijelaz studenata i zaposlenika te prijenos arhive, sredstava za rad, financijskih sredstava, opreme i knjiga na novu ustanovu Kineziološki fakultet Osijek.

S obzirom na gore navedeno nije potrebno provoditi postupak inicijalne akreditacije sukladno članku 19. Zakona o osiguravanju kvalitete u znanosti i visokom obrazovanju (Narodne novine, broj 45/09), no potrebno je da Agencija za znanost i visoko obrazovanje obavi postupak reakreditacije Kineziološkog fakulteta Osijek Sveučilišta Josipa Jurja Strossmayera u Osijeku, kako bi se sukladno članku 17. Pravilnika o sadržaju dopusnice te uvjetima za izdavanje dopusnice za obavljanje djelatnosti visokog obrazovanja, izvođenje studijskog programa i reakreditaciju visokih učilišta (Narodne novine, broj 24/10) provjerila ispunjenost uvjeta za nastavak obavljanja djelatnosti visokog obrazovanja.

Sukladno članku 51. stavku 1. Zakona o znanstvenoj djelatnosti i visokom obrazovanju (Narodne novine, broj 123/03, 105/04, 174/04, 2/07 - OUSRH, 46/07, 45/09, 63/11, 94/13, 139/13, 101/14 - Odluka i Rješenje USRH i 60/15 - Odluka USRH i 131/17) i članku 8. stavku 1. Pravilnika o Upisniku znanstvenih organizacija i Upisniku visokih učilišta (Narodne novine, broj 72/04, 80/04 i 29/18) Kineziološki fakultet Osijek Sveučilišta Josipa Jurja Strossmayera u Osijeku ispunjava uvjete za upis u Upisnik visokih učilišta.

Slijedom navedenog riješeno je kao u izreci.

Uputa o pravnom lijeku:

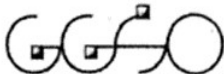
Protiv ovog upravnog akta nije dopuštena žalba, ali se može pokrenuti upravni spor pred nadležnim upravnim sudom u roku od 30 dana od dana dostave ovog upravnog akta.



Dostaviti:

1. Sveučilištu Josipa Jurja Strossmayera u Osijeku, Trg Sv. Trojstva 3, Osijek
2. Fakultetu za odgojne i obrazovne znanosti Sveučilišta Josipa Jurja Strossmayera u Osijeku, Cara Hadrijana 10d, Osijek
3. Kineziološkom fakultetu Osijek Sveučilišta Josipa Jurja Strossmayera u Osijeku, Drinska 16a, Osijek
4. Agenciji za znanost i visoko obrazovanje, Donje Svetice 38/V, Zagreb
5. Pismohrani, ovdje.





GRADITELJSKO-GEODETSKA ŠKOLA OSIJEK, Drinska 16a, 31000 Osijek, OIB: 41034009234, koju zastupa ravnatelj Darko Pšihistal mag. cin. (Zakupodavac)

i

SVEUČILIŠTE JOSIPA JURJA STROSSMAYERA U OSIJEKU, KINEZILOŠKI FAKULTET OSIJEK, Drinska 16a, 31000 Osijek, OIB: 70788591483, koji zastupa obnašatelj dužnosti dekana prof.dr.sc. Vesnica Mlinarević (Zakupnik)

zaključili su dana 30. rujna 2020. godine sljedeći

UGOVOR O PODZAKUPU POSLOVNOG PROSTORA

Članak 1.

Zakupodavac se temeljem Ugovora od 01. listopada 2016. godine (klasa:035-01/16-03/31, urbroj:2158-77-08-16-31) nalazi u zakupu poslovnog prostora ukupne površine 759,23 m², koji se nalazi na adresi u Osijeku, Drinska 16a, zk.ul.br. 139, kčbr. 9823/2, 5.Suvlasnički dio: 1174/10000 ETAŽNO VLASNIŠTVO (E-1), upisanog kao vlasništvo Sveučilišta Josipa Jurja Strossmayera u Osijeku, Građevinski i arhitektonski fakultet Osijek, Osijek, Ulica Vladimira Preloga 3, OIB: 04150850819.

Članak 2.

Zakupodavac temeljem Odluke dekana Građevinskog i arhitektonskog fakultet Osijek od 25. rujna 2020. godine, koja čini sastavni dio ovog Ugovora, daje u podzakup Zakupniku dio poslovnog prostora opisanog u članku 1, koji se sastoji od sljedećih prostorija:

Dijelotacija A zgrade:

- Ulazni hol- 54,38 m²,
- Hodnik- 250,50 m²,
- Učionica- 78,00 m²,
- Učionica- 78,00 m²,
- Učionica- 156 m²,
- Sanitarije- 2 prostorije- ukupno 14,01 m²,
- Kabinet- 21,56 m²,
- Kabinet- 14,86 m²,
- Kabinet- 14,86 m²,

Stranica 1 od 4



- Kabinet- 14,86 m²,
- Kabinet- 14,86 m²,
- Kabinet- 21,56 m²,
- Kabinet- 33 m²

Diletacija B, C i F zgrade:

- Učionica/Radionica br. 36 u prizemlju škole - 100,60 m²,
- Multimedijски centar-učionica- u prizemlju škole- 51,60 m²,
- Učionica na 1. katu škole- 51,60 m²,
- Učionica br. 17 u glavnom holu prizemlja škole 25,80 m²
- Zajedničke sanitarije u glavnom holu škole.

Sportske površine su sljedeće površine:

- Ukupna površina sportske dvorane s pomoćnim prostorijama je 1045,25 m²,
- Ukupna površina spojnog hodnika za dvoranu je 22,40 m²,
- Površina vanjskih terena je 1450 m².

Uz unutarnji prostor, škola daje na korištenje i zatvoreni vanjski parking (s ulaznom rampom) za osobna vozila.

Članak 3.

Sve učionice, sportske površine i sanitarije iz članka 2. ovog Ugovora koristiti će se zajednički, sukladno dogovoru, za svaku novu školsku/akademsku godinu te u skladu s rasporedom nastave Zakupodavca.

Zakupnik će svoj raspored nastave u učionicama iz članka 2. ovog Ugovora za svaku novu školsku/akademsku godinu uskladiti s rasporedom nastave Zakupodavca.

Članak 4.

Zakupnik je uz suglasnost vlasnika i Zakupodavca predmetnog prostora prije sklapanja ovog Ugovora o podzakupu izvršio nužna ulaganja u vidu građevinskih i obrtničkih radova u istome, te nabavio određeni namještaj i ostalu opremu neophodnu radi neometanog obavljanja djelatnosti i vođenja nastave.

Stranke se obvezuju odmah po dovršetku svih preostalih građevinskih radova na predmetnom poslovnom prostoru i nabavi kompletnog namještaja i ostale opreme koja se smatra isključivim vlasništvom Zakupnika, o istome sastaviti Zapisnik koji čini sastavni dio ovog Ugovora.

Članak 5.



Zakupnik se obvezuje predmetni poslovni prostor koristiti isključivo radi obavljanja registrirane djelatnosti, te isti bez posebne pisane suglasnosti Zakupodavca i zemljišnoknjižnog vlasnika ne smije davati u podzakup trećim osobama.

Članak 6.

Ugovorne strane utvrđuju da će Zakupnik za korištenje predmetnog prostora plaćati zakupninu u visini od **14.000,00 KN (četrnaesttisućakuna)** mjesečno, i to unaprijed, najkasnije do 15. u mjesecu, po ispostavljenom računu, uplatom na žiro račun Zakupodavca broj IBAN HR5323600001502689272 otvoren kod Zagrebačka banka d.d.

Zakupodavac u trenutku sklapanja ovog Ugovora nije u sustavu PDV-a.

U iznos zakupnine uračunata je naknada za troškove električne, toplinske energije, kao i troškovi vode, komunalnih usluga, te ostalih redovnih mjesečnih režijskih troškova.

Članak 7.

Ukoliko bi za vrijeme zakupa nastala potreba za izvršavanjem određenih popravaka u poslovnom prostoru koji je predmet ovog Ugovora, a da potreba za istima nije rezultat redovnog korištenja prostora, Zakupnik je dužan, bez odgadanja, o tome pisano obavijestiti Zakupodavca.

U slučaju, ako Zakupodavac ne bi u roku od 30 dana izvršio potrebne popravke, ili u istom roku ne obavijesti Zakupnika o razlozima nemogućnosti izvršenja istih, Zakupnik će navedene obaviti u ime i za račun Zakupodavatelja.

Ako Zakupnik izvrši popravke bez prethodne obavijesti Zakupodavcu, nema pravo na naknadu istih.

Članak 8.

Ovaj Ugovor se sklapa na neodređeno vrijeme.

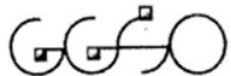
Svaka ugovorna strana ima pravo na raskid predmetnog ugovora uz poštivanje otkaznog roka od 120 dana, koji u slučaju raskida teče od trenutka kada je druga strana zaprimila pismenu obavijest o raskidu.

Članak 9.

Stranke su suglasne da će svaki eventualni spor u svezi s primjenom ovog Ugovora nastojati rješavati u duhu uzajamnog razumijevanja i suradnje, a u slučaju nemogućnosti rješavanja, stvarno i mjesno će biti nadležan sud u Osijeku.

Članak 10.

Ovaj Ugovor sačinjen je u 4 istovjetna primjerka od kojih svaka ugovorna strana zadržava po 2 primjerka.



Članak 11.


U znak pristanka na prava i obveze iz ovog Ugovora ugovorne strane isti vlastoručno potpisuju.

ZAKUPODAVAC:
Ravnatelj:


Darko Pšihistal mag. cin.



ZAKUPNIK:
Obnašatelj dužnosti dekana:


prof. sc. VESNICA MLINAREVIĆ

KLASA: 406-01/20-01/01
URBROJ: 2158-110-01-20-1

ŠPORTSKI OBJEKTI d.o.o. Osijek, Kneza Trpimira 23, zastupano po direktoru Nataši Brčić mag.oec. (u nastavku: Športski objekti), OIB:89861654362, IBAN: HR6123600001102298154

i

KINEZIOLOŠKI FAKULTET OSIJEK, SVEUČILIŠTE JOSIPA JURJA STROSSMAYERA U OSIJEU, Drinska 16a, 31 000 Osijek, zastupan po privremenoj dekanici prof.dr.sc. Vesnici Mlinarević (u nastavku: Fakultet), OIB:70788591483, sklopili su dana 20. 11. 2020. godine sljedeći

U G O V O R

o korištenju prostora u objektima kojim upravljaju
Športski objekti d.o.o.

Članak 1.

Ovim Ugovorom uređuju se međusobna prava i obveze između Športskih objekata i Fakulteta u svezi korištenja prostora u objektima kojim upravljaju Športski objekti i to: Nastavno športske dvorane Gradski vrt (dvorana i atletske tunel), Gradskih bazena, Teniskog centra u Perivoju kralja Tomislava i Srednjoškolskog igrališta za provedbu nastave Fakulteta.

Članak 2.

Športski objekti i Fakultet suglasni su da se prostori u objektima koriste na sljedeći način:

- Dvorana Nastavno športske dvorane Gradski vrt: 30 sati u zimskom i 30 sati u ljetnom semestru
- Atletske tunel Nastavno športske dvorane Gradski vrt: 30 sati u zimskom i 30 sati u ljetnom semestru
- Gradski bazeni: u 60 sati u zimskom i 90 sati u ljetnom semestru
- Teniski centar u Perivoju kralja Tomislava: 100 sati (tri terena) u priepodnevnim satima u ljetnom semestru
- Srednjoškolsko igralište: 60 sati u zimskom semestru i 60 sati u ljetnom semestru

Članak 3.

Fakultet se obvezuje prije početka tekuće akademske godine, dostaviti ovlaštenim predstavnicima Športskih objekata ukupan broj studijskih grupa, te objedinjen prijedlog rasporeda nastave za provedbu nastave Fakulteta u svim objektima iz članka 1. i 2. Ovog ugovora.

Termine za korištenje prostora u objektima Športskih objekata zajednički će utvrditi ovlašteni predstavnici Športskih objekata i ovlašteni predstavnici Fakulteta.

Članak 4.

Športski objekti daju Fakultetu na korištenje prostore u objektima iz članka 1. i 2. Ovog ugovora isključivo za provođenje nastave Fakulteta pod uvjetima utvrđenim ovim Ugovorom.

Članak 5.

Fakultet se obvezuje plaćati korištenje prostora iz članka 1. i 2. ovog Ugovora po važećim cjenicima Športskih objekata na način da se isti umanje za 50%.

Obračun sati vrši se na kraju mjeseca za protekli mjesec i on je osnova za ispostavljanje računa. Račun će se ispostaviti Fakultetu.

Mjesečni obračun će biti umanjen za praznike, blagdane i zimski ispitni rok koji će Fakultet precizirati pri izradi rasporeda tekuće akademske godine.

Plaćanje se vrši na temelju ispostavljenog računa u zakonskom roku na žiro račun Športskih objekata otvoren kod Zagrebačke banke broj:

IBAN:HR61 23600001102298154

Članak 6.

Nastava u akademskoj godini 2020/2021. provodi se u razdoblju od 01.12.2020. godine do 31.05.2021. godine.

Članak 7.

Ovaj ugovor zaključuje se na određeno vrijeme, a traje jednu kalendarsku školsku godinu, odnosno od 01.12.2020. do 31.05.2021. godine.

Članak 8.

Ovaj ugovor može se otkazati najmanje 3 (tri) mjeseca prije isteka kalendarske godine i to isključivo u pisanom obliku.

Članak 9.

Ugovorne strane ugovaraju rješavanje eventualnih sporova mirnim putem, u suprotnom ugovara se nadležnost Općinskog suda u Osijeku.

Članak 10.

Ovaj ugovor sastavljen je u 4 (četiri) istovjetna primjerka, za svaku ugovornu stranu po 2 (dva) primjerka.

Članak 11.

Ovaj Ugovor stupa na snagu danom potpisa ovlaštenih zastupnika ugovornih strana.

Broj: 1251/20.
U Osijeku, 20.11.2020.

Za Fakultet
Privremena dekanica
prof.dr.sc. Vespiša Mlinarević




Za Športske objekte
Direktorica
Nataša Brčić, mag.oec.


ŠPORTSKI OBJEKTI d.o.o.
OSIJEK, KNEZA TRPIHARA 23
OIB 89861654362 (2)

KLASA: 406-01/20-01/01
BROJ: 2158-110-01-20-2

Sveučilište Josipa Jurja Strossmayera u Osijeku - Kineziološki fakultet Osijek, zastupan po privremenoj dekanici, **prof. dr. sc. Vesnici Mlinarević**, (u daljnjem tekstu Fakultet) i
Gimnastičko društvo Osijek-Žito (u daljnjem tekstu Društvo) sklopili su dana 23. prosinca 2020. godine

SPORAZUM O SURADNJI

Članak I.

Sporazumom o suradnji utvrđuje se uspostava suradnje na zajedničku korist i u svrhu:

- pružanja institucionalne podrške u kvalitetnoj provedbi praktične nastave
- omogućavanja studentima putem stručne prakse testiranje stečenih teoretskih znanja
- pružanja studentima mogućnost da putem stručne nastave razviju dodatne vještine i stručne kompetencije koje će im pomoći pri ulasku na tržište rada
- uključivanja studenata u provedbu različitih sportsko - rekreativnih programa, omogućiti istima istraživanje različitih putova razvoja karijere
- putem mentorstva i kontinuirano praćenje studenata za vrijeme obavljanja stručne prakse, pružanja studentima direktan uvid u rad sportskih djelatnika
- u procesu mentorstva omogućavati mentorima stručne prakse revidiranje i nadopunu vlastitih teoretskih i praktičnih znanja
- interakcijom Fakulteta, studenata i mentora, osiguravati kontinuirano unapređenje znanja i vještina svih uključenih
- poticanja stvaranje novih veza kao temelja budućih suradnji s ciljem aktivnog promicanja i razvoja sveukupne sportske djelatnosti na regionalnoj razini
- podrške uzajamnosti u dodatnim aktivnostima potpisnica sporazuma koje su od zajedničkog interesa.

Članak II.

Ugovorne strane obvezuju se na etično postupanje sa svim osobama s kojima dolaze u kontakt tijekom suradnje, uz uvažavanje mjerodavnih pozitivnih popisa Republike Hrvatske.

Članak III.

Sudionici sporazuma obvezuju se na zaštitu svih povjerljivih informacija koje su saznali tijekom suradnje te su suglasni da će se informacije dobivene tijekom zajedničkih aktivnosti koristiti isključivo u svrhu kojoj su namijenjene.

Članak IV.

Sudionici ovog Sporazuma, u trenutku potpisa ne preuzimaju nikakve financijske obveze. Financijski detalji i obveze bit će utvrđeni naknadno za svaki pojedini program ili projekt posebnim sporazumom.

Članak V.

Sve sporove iz ovog Sporazuma Fakultet i Društvo rješavat će sporazumno, a ukoliko to ne bi bilo moguće, nadležan je Općinski sud u Osijeku.

Članak VI.

Svaka strana ovaj Sporazum može otkazati u roku od 30 dana pisanim putem.

Članak VII.

Ovaj Sporazum sklopljen je u četiri (4) istovjetna primjerka, od kojih svaka sporazumna strana zadržava po dva (2) primjerka.

Članak VIII.

Sporazum o suradnji stupa na snagu danom potpisivanja sporazumnih strana.

FAKULTET
Priprema dekanica

Prof. dr. sc. Vesnica Mlinarević


Gimnastičko društvo *Osijete žito*

Boris Čučić, prof.


KLASA: 900-01/20-01/01
URBROJ: 2158-110-01-20-2