



**SARAJEVO UNIVERSITY
FACULTY OF HEALTH STUDIES
IN SARAJEVO**



**CURRICULUM FOR STUDY PROGRAMME 1:
PHYSICAL THERAPY
FOR TITLE OF:
BACHELOR OF PHYSICAL THERAPY**



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Faculty of Health Studies of Sarajevo University

Medical college in Sarajevo was founded on 10 May, 1973 and commenced its operation on 19 Dec, 1973. Medical college classes were carried out in four departments: senior medical technicians; senior laboratory technicians; senior sanitary technicians; senior radiology technicians.

During 1982, medical college organised the department for senior physical therapy technicians, and senior sanitary technicians' department was shut down the same year.

During the past thirty years of operations, the College was going through different developmental phases with organisational changes, creation and revision of curricula, and in 1990 three-year study programme with compulsory final thesis started at the Medical college.

In 1999, Medical college was renamed to School of Health Studies. In academic 2002/03, first generation of four-year graduate studies of School of Health Studies was enrolled, study programme in field of health care, which enables graduates to equally participate in master studies.

School of Health Studies was renamed to Faculty of Health Studies on 5 March, 2008.

Mission

Mission of the Faculty of Health Studies of Sarajevo University is to, through state of the art methods of education, learning and research, educate quality, qualified, creative and internationally competent cadre in health care in the fields of disease prevention, diagnostics and human health improvement, which is of interest for entire Bosnia and Herzegovina.

Vision

Faculty of Health Studies of Sarajevo University shall, through classes based on research, innovations and academic excellence, education carriers of health care profession (Bachelor (BA), Master (MA) of physical therapy , of laboratory technologies , of radiology technologies , of health and environment and of health care and therapy and Third cycle-Doctorate study programme by which one obtains the title of Doctor of Health Studies) of Bosnia and Herzegovina, and to encourage, through research work, creation of new values in health care and in that manner be the backbone of knowledge-based sustainable development of Bosnia and Herzegovina.



Objectives

Objectives of the Faculty of Health Studies are:

- Utilisation of state of art teaching methods,
- Promotion of student creativity by combining different learning methods,
- Enabling students for lifelong learning,
- Development of fundamental competencies in all disciplines,
- Quality assurance,
- The highest educational standards that shall enable graduates to work in international framework,
- Membership in European and world academic associations,
- Creation of network of international partner institutions for promotion in the field of health studies

Obtained titles in study programmes for the first cycle of studies

Study programme for physical therapy – Bachelor (BA) of physical therapy

Study programme for laboratory technologies - Bachelor (BA) of laboratory technologies

Study programme for radiology technologies – Bachelor (BA) of radiology technologies

Study programme for health and environment - Bachelor (BA) of health and environment

Study programme for health care and therapy - Bachelor (BA) of health care and therapy

Study areas on Faculty of Health Studies of Sarajevo University

Study area 1. Individual health protection and care

Study area 2. Family health protection and care

Study area 3. Community health protection and care

Study area 4. Kinesiology and kinesiotherapy

Study area 5. Rehabilitation

Study area 6. Occupational therapy

Study area 7. Environmental health

Study area 8. Water, food and nutrition management

Study area 9. Sanitary inspection and sanitary supervision methods

Study area 10. Health care systems

Study area 13. Radiology technologies in diagnostic radiology

Study area 14. Radiology technologies in nuclear medicine

Study area 15. Radiology technologies in radiotherapy

Study area 16. Clinical-chemical-biochemical laboratory technologies

Study area 17. Morphological technologies in cytodiagnosics and haematology

Study area 18. Laboratory experimental technologies

Study area 19. Laboratory technologies in service of microbiology

Study area 20. Researches in health care system

Study area 21. General health courses

Faculty of Health Studies of Sarajevo University organises three study cycles in five study programmes, which are designed in line with the Law on Higher Education of Sarajevo Canton.

- First cycle or undergraduate study programme lasts 4 years, 8 semesters, 240 ECTS



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- Second cycle or graduate study programme lasts 1 years, 2 semesters, 60 ECTS
*total first and second cycle of graduate studies 5 years, 10 semesters, 300 ECTS
- Third cycle or doctorate study programme lasts 3 years, 6 semesters, 180 ECTS

Student load during an academic year is 1.500 hours, namely 750 hours per semester.

1 ECTS is 25 hours of contact classes and independent work.

During winter semester, classes last 15 weeks of continuous activities plus seven days for final exam. Preparations for exam and repeated exam after winter semester last two weeks the most. Summer semester classes of first two study cycles commence on the third Monday in February and last for 15 weeks of continuous activities plus two weeks for final exam. Preparations for exam and repeated exam after winter semester last two weeks the most.

Requirement for enrolment into the subsequent academic year is 54 ECTS, which are obtained by passing exams, and 6 ECTS can be transferred to the subsequent year with obligation of retaking those classes in addition to the regular ones.



Study programme of physical therapy educates competent cadre for programmes of medical rehabilitation of ill, injured and disabled persons, and for preventive programmes for preservation and improvement of health and quality of life. Bachelor (BA) of physical therapy is a health worker who independently, for prevention, treatment or rehabilitation, utilises methods and means of kinesiotherapy, physical and occupational therapy and other methods of medicinal rehabilitation. Individually or through team work, enables the ill, injured and disabled persons for self-care and independent life and work.

Competencies of a Bachelor of Physical Therapy

Bachelor (BA) of physical therapy with university degree (VII level of qualification – 4-year study programme) is competent, that is, enabled to carry out following tasks independently and as a team member:

- Functional enabling of persons with disorders that reflect on motion system and/or disability which is product of those disorders;
- Participation in team for preparation of curriculum for functional enabling;
- utilisation of physical therapy as treatment method, assessment of technique and application method (methods of electrotherapy, thermal therapy, hydrotherapy, phototherapy, mechanotherapy);
- Application of kinesiotherapy and assessment of dosing, duration and load for enabling for functional activity in everyday life and work of persons with disabilities;
- Participation in planning and implementation of prevention measures for healthy population groups;
- Collection of data needed for planning and successful implementation of different professional services in therapy or rehabilitation procedures, all in line with code of ethics set by physiotherapy practice standards;
- Assessment and monitoring of functional activity of persons with disabilities, using objective assessment methods;
- Assessment of treatment results for persons with disabilities, using objective assessment methods;
- Selection of most favourable methods of physical therapy, kinesiotherapy and occupational therapy in the rehabilitation processes;
- Participation in education of persons with disabilities and their family members;
- Cooperation with associations of persons with disabilities and directing their activities in professional, social rehabilitation and processes of inclusion;
- Planning and implementation of home care physical therapy programme;
- Application of informatics and statistics techniques in physical therapy;
- Keeping comprehensive, continuous and reliable records and monitoring and application of normative acts;
- Assessment and monitoring of quality of work and organisation of physical therapy service on all levels of health care;
- Educational work in educational institutions.



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Bachelor of physical therapy upon completions of studies, given the competencies, may have a wide range of employment opportunities in institutions on all levels of healthcare system, as well as in the non-health related sector.



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FIRST YEAR, SEMESTER I				
CODES AND COURSES	Class contact hours: H= L + P	Independent work hours	Total work hours	ECTS credits
RB.0111 Health protection systems	90 = 45 + 45	60	150	6
RB.0112 Human anatomy	90 = 45 + 45	160	250	10
RB.0113 Health ecology	90 = 30 + 60	60	150	6
RB.0114 Sociology of health	60 = 30 + 30	90	150	6
RB.0115 Physical education	45 = 15 + 30	5	50	2
TOTAL FOR SEMESTER I				
5 compulsory courses	375 = 165 + 210	375	750	30

FIRST YEAR, SEMESTER II				
CODES AND COURSES	Class contact hours: H= L + P	Independent work hours	Total work hours	ECTS credits
RB.0121 Introduction to health statistics and informatics	60 = 30 + 30	65	125	5
RB.0122 Improvement of health and health education	90 = 45 + 45	35	125	5
RB.0123 Human physiology	90 = 45 + 45	160	250	10
RB.0124 Protection and care in urgent states	75 = 45 + 30	50	125	5
RB.0125 English language	30 = 15 + 15	95	125	5
TOTAL FOR SEMESTER II				
5 compulsory courses	345 = 180 + 165	405	750	30
TOTAL FOR THE FIRST YEAR				
10 compulsory courses	720 = 345 + 375	780	1500	60



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SECOND YEAR, SEMESTER III				
CODES AND COURSES	Class contact hours: H= L + P	Hours of independent work	Hours of total work	ECTS
RB.0231 Dysfunction of human organism	75 = 45 + 30	125	200	8
RB.0232 Applied epidemiology	75 = 45 + 30	50	125	5
RB.1233 Clinical kinesiology	105 = 45 + 60	120	225	9
RB.6234 Essence of clinical practice	60 = 30 + 30	40	100	4
RB.0235 Physics	60 = 45 + 15	40	100	4
TOTAL FOR SEMESTER III				
5 compulsory courses	375 = 210 + 165	375	750	30

SECOND YEAR, SEMESTER IV				
CODES AND COURSES	Class contact hours: H= L + P	Independent work hours	Total work hours	ECTS credits
RB.1241 Physical therapy	105 = 45 + 60	120	225	9
RB.1242 Movement therapy	105 = 45 + 60	120	225	9
RB.1243 Physical therapy in the rheumatology rehabilitation	75 = 30 + 45	100	175	7
RB.0244 Radiographic morphology	90 = 45 + 45	35	125	5
TOTAL FOR SEMESTER IV				
4 compulsory courses	375 = 165 + 210	375	750	30
TOTAL FOR THE SECOND YEAR				
9 compulsory courses	750 = 375 + 375	750	1500	60



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THIRD YEAR, SEMESTER V				
CODES AND COURSES	Class contact hours: H= L + P	Independent work hours	Total work hours	ECTS credits
RB.1351 Physical therapy in the rehabilitation of the locomotor system in the orthopaedia	75 = 30 + 45	100	175	7
RB.1352 Physical therapy in the rehabilitation of the locomotor system in the traumatology	75 = 30 + 45	100	175	7
RB.1353 Functional appliances	75 = 30 + 45	100	175	7
RB.1354 Physical therapy in the cardiac-pulmonary rehabilitation	75 = 30 + 45	25	100	4
RB.1355 Manual therapy	75 = 30 + 45	50	125	5
TOTAL FOR SEMESTER V				
5 compulsory courses	375 = 150 + 225	375	750	30

THIRD YEAR, SEMESTER VI				
CODES AND COURSES	Class contact hours: H= L + P	Independent work hours	Total work hours	ECTS credits
RB.1361 Physical therapy in neurological rehabilitation	105 = 45 + 60	120	225	9
RB.1362 Physical therapy in rehabilitation of sensory disabilities	60 = 30 + 30	15	75	3
RB.1363 Physical therapy in sports and sport medicine	75 = 45 + 30	50	125	5
RB.1364 Pain syndromes in rehabilitation	75 = 30 + 45	50	125	5
RB.1365 Physical therapy in geriatric rehabilitation	90 = 45 + 45	110	200	8



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TOTAL FOR SEMESTER VI				
5 compulsory courses	405 = 195 + 210	345	750	30
TOTAL FOR THE THIRD YEAR				
10 compulsory courses	780 = 345 + 435	720	1500	60

FOURTH YEAR, SEMESTER VII				
CODES AND COURSES	Class contact hours: H= L + P	Independent work hours	Total work hours	ECTS credits
RB.1471 Rehabilitation in child age	105 = 45 + 60	120	225	9
RB.1472 Rehabilitation in inclusion	60 = 30 + 30	15	75	3
RB.1473 Quality management in rehabilitation	30 = 15 + 15	45	75	3
RB.1474 Professional practice I	255 = 0 + 255	120	375	15
TOTAL FOR SEMESTER VII				
4 compulsory courses	450 = 90 + 360	300	750	30

FOURTH YEAR, SEMESTER VIII				
CODES AND COURSES	Class contact hours: H= L + P	Independent work hours	Total work hours	ECTS credits
RB.1481 Occupational therapy	90 = 45 + 45	60	150	6
RB.1482 Professional rehabilitation	75 = 45 + 30	75	150	6
RB.1483 Professional practice II	225 = 0 + 225	150	375	15
RB.1484 Introduction to alternative methods - acupuncture	60 = 15 + 45	15	75	3



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TOTAL FOR SEMESTER VIII				
4 compulsory courses	450 = 105+345	300	750	30
TOTAL FOR THE FOURTH YEAR				
8 compulsory courses	900 = 195 + 705	600	1500	60
TOTAL FOR THE FOUR-YEAR UNDERGRADUATE PROGRAMME, THE FIRST CYCLE, FOR THE BACHELOR'S (BA) DEGREE				
37 compulsory courses	3150=1260+1890	2850	6000	240