

Master Program	SPORTS REHABILITATION
Qualification	Master's degree in Physical Medicine and Rehabilitation
Faculty	Physical Medicine and Rehabilitation
Number of ECTS 120 Credits	
Duration	4 Semesters
Language of Instructions	Georgian
Program Leader:	Professor Lela Maskhulia, TSMU, Department of Physical Medicine

Aim of the program:

To develop competent specialist with problem-solving skills, practical and theoretical knowledge of sports injury and sports-related health conditions and to apply this skills delivering rehabilitation services to professional and amateur athletes.

Employment possibilities:

After completion of the program individuals capable to work in a wide variety of sectors that involve managing people with sport or exercise related injuries, whether at high performance sport level or in a physiotherapy clinic, in-patient and out-patient units, rehabilitation services and departments of medical facilities, as well as medical staff of sporting teams, schools and clubs.

Enrolment requirements:

- Unified National Exam for Master programs;
- Proficiency in Foreign Language (B2 Level) and TSMU internal speciality test/exam.

Admissions criteria:

- Bachelors in Physical Medicine and Rehabilitation;
- Individuals with MD diploma – graduates of One Step Educational Program for MD.

CURRICULUM

First Year Courses

Nº	Title	Credits	Semester
1	Rehabilitation Science in Sports Medicine	2	1
2	Sports Physiology and Biochemistry	4	1
3	Diagnostics and Assessment of Sport Injuries	7	1
4	Musculoskeletal Injuries in Sport 1	8	1
5	Musculoskeletal Injuries in Sport 2	8	1
6	Physical Agents in Rehabilitation of Sport Injuries	8	2
7	Kineziology and Kineziotherapy in Rehabilitation of Sport Injuries	9	2
8	Epidemiology, Evidence-based Medicine and Medical Statistics	4	2

Second Year Courses

Nº	Title	Credits	Semester
1	Sports Cardiology	6	1
2	Emergency Conditions in Sport Medicine	4	1
3	Different Medical Conditions in Sport	4	1
4	Sport Massage	4	1
5	Sport Nutrition	2	1
6	Sport Pharmacology and Doping Issues in Sport	2	1
7	Youth Sport and Medical Rehabilitation	6	1
8	Elective Course: 1. Environmental Factors in Sport Medicine 2. Ethical Issues in Sport Medicine	2	1
9	Team Physiotherapist, duties and competences	4	2

Subject Specific Learning Outcomes:

- Evaluation of the general status of the athlete corresponding to age-related singularity;
- Medical supervision and evaluation of the athlete's musculoskeletal system;
- Assessment of physical fitness;
- Assessment of sports injury;
- Elaboration of the rehabilitation plan;
- Determination of the necessity of a specialist consultation;
- Team-working in realization of medical rehabilitation programs organized by the multidisciplinary team;
- Identification of musculoskeletal injuries, carrying out medical, rehabilitative and preventive procedures;
- Assessment and medical supervision of the general state of body systems;
- Planning and carrying out postsurgical rehabilitation procedures;
- Determining the general state of the cardiovascular system, participation in conducting functional tests, planning and carrying out rehabilitation and preventive measures;
- Carrying out emergency aid during urgent situations caused by sports activities;
- Providing suitable recommendations and management concerning respiratory, nervous and gastrointestinal disorders;
- Managing the nutrition and liquid balance of the athletes;
- Participation in the execution of Paralympic or adaptive sports athletes' rehabilitation programs;
- Educational activity and preparation of recommendations on sports pharmacology and doping issues;
- Informing athletes about use of medications and going through procedures during training and at different stages of the competitions while taking into account the requirements of the anti-doping codex;
- Informing the athletes about screening programs and preventive measures.

Assessment

The assessment of the student is carried out according to the ECTS. 100-point scoring system includes a sum of the intermediate and final examination grades.

Maximal grade of a final exam – 40.

The assessment of final examination in case of receiving 24 points by the student and more (50% of maximal grade of a final examination) is considered positive.

a) Five types of positive assessment:

A - EXCELLENT	91-100 points of maximum evaluation;
B - VERY GOOD	81-90 points of maximum evaluation;
C - GOOD	71-80 points of maximum evaluation;
D – SATISFACTORY	61-70 points of maximum evaluation;
E - SUFFICIENT	51-60 points of maximum evaluation

b) Two types of negative assessment:

Fx– Fails to pass	41-50 points of maximum evaluation, which means that the student needs more work to pass and is allowed for the exam once more with independent work.
F - FAILED	40 points and less of maximum evaluation, which means that the work carried out by the student is not enough and the student has to learn the subject from the beginning.