

# **Name of the program: Physical Medicine and Rehabilitation Bachelor Program**

**Program Supervisor – Professor Lela Aptsiauri**

**Program Scope: 240 credits**

**Qualifications to be awarded: Bachelor of Physical Medicine and Rehabilitation**

## **Preconditions for admission to the program**

Physical Medicine and Rehabilitation Bachelor Program can be attended by a person holding a state certificate confirming the completion of full basic educational level (National School Leaving Certificate) or its equivalent, who will pass the Unified National Examination and based on the obtained scores, will gain the right to study at university, or the applicants under the Law of Georgia on Higher Education, Article 52, para 3.

In accordance with the law of Georgia on Higher Education, Article 52, para 3, foreign citizen candidates seeking for admission to educational program are required to pass the exam organized by the university, ensuring the knowledge of Georgian language at not less than B1 level (including the components or listening, reading and analyzing of text, speaking), or presenting the document certifying the knowledge of Georgian language at B1 level.

Admission of foreign citizens is regulated according to legislation established by the Ministry of Education and Science of Georgia.

**Language of instruction:** Georgian

**The goal of the Bachelor's program** in physical medicine and rehabilitation, is to prepare highly qualified, competitive specialists in the field of physical medicine and rehabilitation, who will know the modern theories, principles, methods, and means of physical medicine and rehabilitation, methods of adaptation of the human body to physical activity, cognitive and practical skills in the rehabilitation of behavioral disorders, orthopedic diseases, its clinical detection, stages of development, methods of diagnosis and rehabilitation.

Be able to competently conduct research and practical activities in physical medicine and rehabilitation in accordance with the international standards and mission of the university.

Impact on the athlete's body, injury prevention, first aid during sports injuries, management of the rehabilitation process, athletes Nutrition principles, kinesiocorrection measures, and rehabilitation mean. Can competently conduct practical activities in physical medicine and rehabilitation.

**Learning Outcomes** - The graduates have extensive knowledge of physical medicine and rehabilitation as well as cognitive and practical skills specific to this field. Knowledge of modern methods and remedies in physical medicine and rehabilitation, including a critical understanding of theories and principles, and some recent aspects of knowledge.

The graduates are familiar with modern theories, principles, methods, and tools of physical medicine and rehabilitation; physiological and biochemical factors related to physical exercise and their impact on human health; Types and features of physiotherapy, indications, and contraindications for physiotherapy procedures. Determining the diet of an athlete and non-

athlete person, basic principles of rational and balanced nutrition, and the methods of evaluation. Classification of various types of exercise and the clinical and physiological significance of physical exercise on the human body.

**The graduate is able to:** Identify and successfully implement rehabilitation activities according to the types of sports and the terms of rehabilitation using physical medicine and rehabilitation methods and approaches; Develop an individual rehabilitation plan based on the needs of people with physical and cognitive impairments; Selection and use of individual recommendations for disease prevention, proper planning of preventive measures, timely and safe use of therapeutic and rehabilitation items;

Based on the knowledge gained, the graduate is able to identify deviations and risks in a timely manner. Based on the patient's conditions make appropriate conclusions and act adequately if necessary. Effective communication with various social groups, including those with problems communicating. Apply the acquired knowledge in the process of conducting professional activities. Planning their own learning process and identifying their learning needs in a certain direction. Act in accordance with the values inherent in professional activities in different situations. Understand the importance of the social integration of people with disabilities.

**Program structure.**

The bachelor program is 4 years long, consisting of eight semesters. Tuition over four years includes 240 credits, 30 credits per semester, 60 credits per year.

from here:

General Required: 29 credits

Basic Compulsory Specialty: 79 credits

Compulsory specialty: 119 credits (including an internship in the specialty - 16 cr.; Bachelor's thesis - 14 cr.)

Free Elective: 13 credits

1 credit = 25 hours

One academic year: 42 weeks.

Semester duration: 21 weeks (including: study-15; session-4; additional exams -2).

**Knowledge assessment system.** assessment is done on a 100-point scale, 60 points - midterm assessments, 40 points - final exam. The minimum competency threshold for mid-term assessments is set at 21 points. The minimum competency threshold for the final exam is set at 14 point

The student's educational program learning outcomes assessed by 100-point system.

Grading system allows:

A) Five types of positive grade:

a.a) (A) excellent – 91%-100% of maximal point;

a.b) (B) very good – 81-90% of maximal point;

a.c) (C) good – 71-80% of maximal point;

a.d) (D) satisfactory – 61-70% of maximal point;

a.e) (E) sufficient – 51-60% of maximal point.

B) Two types of negative grade:

b.a) (FX) – couldn't pass – 41-50% of maximal point, some work required before the credit can be earned and by the independent work is given a right to retake an exam.

b.b) (F) -Failed- 40% or less of maximal point, considerable further work is required and student has to retake the course.

Student's term assessment is regulated by midterm assessment and final examination points graded out of 100 points.

The two elements midterm assessment and final assessment are considered at the summary assessment. Each element has its percentage value and minimum competence margin in general assessment system and is determined by the professor: : (1) 70/30 or (2)60/40, which means that in the first case midterm assessments include assessment's 70 %, final exam 30%, in the other case Midterm assessments include assessment's 60%, and Final exam 40%.

The midterm assessment is divided by the components (midterm examination, seminar/practical, quiz, cases, essays and etc.) except the midterm examination. Percentage of these components in total assessment is determined by the lecturer except for midterm exam itself, which is indispensable component of intermediate assessment (exceptions are clinical skills and clinical practice assessments) and its percentage in total scores: (1) in case of 70/30 system, midterm exam should account for 30 points, whereas in (2) case of 60/40 system – it must account for 20 points.

The bachelor's thesis Evaluation System:

Thesis is evaluated on a 100-point scale:

a) 5 types of positive assessments:

a.a) (A) excellent – 91 –100 points of max. assessment;

a.b) (B) very good – 81-90 points of max. assessment;

a.c) (C) good – 71-80 points of max. assessment;

a.d) (D) satisfactory – 61-70 points of max. assessment;

a.e) (E) sufficient – 51-60 points of max. assessment.

b) 2 types of negative assessments:

b.a) (FX) couldn't pass – 41-50 points of max. assessment, some more work is required before the credit can be awarded and student is given a right to retake the examination, preparing independently.

b.b) (F) Failed– 40 points of max. assessment considerable further work is required and student has to take the course again.

The bachelor's thesis Evaluation a 100-point system is divided into:

- Preliminary review of the bachelor's thesis -60 points;

- Public defense of the bachelor's thesis - 40 points.

To be eligible for the bachelor's thesis, a student must have accumulated at least 30 points in the pre-examination for the undergraduate thesis.

The bachelor's thesis will be considered completed by the student if he / she accumulates 51 or more points in the assessment.