

Faculty	Physical Medicine and Rehabilitation
Name of the program	Physical Medicine and Rehabilitation
Qualification	Bachelor's Degree of Physical Medicine and Rehabilitation
Head of the Program	Professor Lela Maskhulia and Associate Professor Marine Matiashvili
Number of Credits	240 ECTS credits
Language of Instructions	English
Aim of the Program	<p>Aim of the program is to prepare competitive and competent bachelor of Physical Medicine and Rehabilitation through outcome-based teaching approach and development of clinical/practical skills relevant to the learning outcomes, able to:</p> <ul style="list-style-type: none"> ➤ to apply basic biomedical research methods and evidence-based practice to the process of physical therapy examination, evaluation, intervention, and rehabilitation management, based on biopsychosocial approach, to prevent or remediate impairments, functional limitations and disabilities as related to movement and health across all ages, to improve functional movement potential and quality of life; ➤ to provide rehabilitation services in both in-patient and out-patient settings, based on the multi/interdisciplinary team approach, utilizing appropriate interpersonal skills; ➤ to conduct in professional and ethical manner, with responsible approach to societal needs; ➤ to develop independent learning skills/activities and foster continuing professional growth and life-long learning.
Enrolment Requirements	<ul style="list-style-type: none"> • Foreign Nationals/Non-Georgian citizens with corresponding documentation should apply (send the documents) to the Ministry of Education and Science of Georgia. After approval from the Ministry and proof of proficiency in English at B2 level they have right to start the undergraduate course. • Provided by the Law of Higher Education, Georgian citizens are required to pass through the Unified National Exams and overcome barrier in English $\geq 75\%$. • Students to be enrolled in the program via mobility rule.

<p style="text-align: center;">Teaching and Learning Methods</p>	<p>Bachelor program of Physical Medicine and Rehabilitation Program is implemented mainly using following teaching and learning methods:</p> <ul style="list-style-type: none"> • Interactive lectures • Seminars • Problem Based Learning • Case Based Learning/Clinical case study • Practical study/classes • Laboratory training/teaching • Teaching/learning with simulators and moulages • Teaching/learning through experience/ Clinical practice • Involvement into scientific/clinical research • Team work • Group project • Brainstorming • Role play • Data analysis • Discussion/debates • Demonstration method
<p style="text-align: center;">Assessment system</p>	<p>One academic year includes 60 (ECTS) credits. Credits can be granted only in case of achievement of the course learning outcomes. The assessment system allows:</p> <p>a) Five types of positive assessment:</p> <p>A - EXCELLENT 91-100 points of maximum evaluation;</p> <p>B - VERY GOOD 81-90 points of maximum evaluation;</p> <p>C - GOOD 71-80 points of maximum evaluation;</p> <p>D – SATISFACTORY 61-70 points of maximum evaluation;</p> <p>E - SUFFICIENT 51-60 points of maximum evaluation</p> <p>b) Two types of negative assessment:</p> <p>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.</p> <p>F - FAILED 40 points and less of maximum evaluation, which means that the work out by the student is not enough and the student has to learn the subject from the beginning.</p> <p>The student has the right to pass the exam in the same semester. Additional exam shall be appointed not less than 5 days after the conclusion of the final exam results.</p> <p>Additional exam is allowed:</p> <ul style="list-style-type: none"> • If during the main session period student did not attend the exam, irrespective of the reason;

	<ul style="list-style-type: none"> • In case of Fx assessment during the main session period. <p>Assessment of the level of student learning results in each component of the program should include mid-term and final assessment. Students are admitted to the final exam if their accumulative intermediate assessment and the possible maximum exam score in total is equal to, or greater than, 51 points.</p> <p>Maximum assessment of the course is 100 points. Midterm evaluation is determined by max. 60 points. The final exam is evaluated with max. 40 points.</p> <p>Final Assessment is positive in case of student acceptance of 20 and more points (50% or more of the maximum examination).</p> <p>Also, students of 7 and 8th semesters are working on portfolio.</p>
<p>Learning Outcomes (LO)</p>	<p>Knowledge and Understanding –</p> <p>LO-1. Demonstrate knowledge of the field of physical medicine and rehabilitation involving a critical understanding of theories and principles:</p> <ul style="list-style-type: none"> • Demonstrate knowledge and critical understanding of biomedical, behavioral, social, clinical sciences, and theories, concepts and principles determining the field of physical medicine and rehabilitation; • Demonstrate understanding of complex matters of the field, synthesize knowledge across courses and other experiences; • Demonstrate knowledge and understanding of the bio-psycho-social model of the functioning, disability and health, and critical approach to organization and practice of rehabilitation system based on this model; • Demonstrate knowledge and understanding of main profession related procedures/interventions, techniques, technologies and rehabilitation programs; recognize complexity of the field-specific clinical conditions and problem solving methods; • Demonstrate knowledge of the ethical standards and values of the profession, the social system and national legislation concerning disability and rehabilitation, recognize the role of physical medicine and rehabilitation in health care, the role of the professional of the field as well as demonstrate understanding of team-working principles and multi/ interdisciplinary problem-solving team work. <p>Skills –</p> <p>LO-2. Conduct a patient examination, evaluation and critically interpret the relevant information, implement planned physical therapy intervention:</p> <ul style="list-style-type: none"> • Apply knowledge and skills to planning and providing quality services relevant to the professional competence; • Demonstrate appropriate skills during examination, obtain a history and perform physical assessment safely, and ensure patient dignity

during assessment;

- Analyze, critically interpret and evaluate assessment findings to identify the impact of a health condition on functioning, including determination of prognosis and potential for rehabilitation;
- Able to educate and consult relevant to the professional competence, utilize cognitive and practical skills in solving complex and unpredictable problems;
- Determine the need for referral to appropriate qualified service providers;
- Involved in planning of an appropriate intervention program with specific, measurable, attainable, realistic, and time-bound (SMART) based goals considering patient's needs and preferences;
- Deliver holistic approach to patient management, using the biopsychosocial model, and demonstrating appropriate skills during treatment, implement a safe and effective intervention;
- Demonstrate ability to maintain, keep, and protect medical documentation, document results of examination, evaluation, and rehabilitation process, demonstrating evidence of clinical reasoning, and in accordance with accepted standards (SOAP), ethical, and legal requirements, make clear and accurate notes,
- Demonstrate ability to utilize principles of evidence-based practice, to carry out research and practical projects.

LO-3. Apply management skills in practice setting:

- Identify goals appropriate to the practice setting, prioritize and manage own work load, and utilize resources effectively;
- Demonstrate effective management skills to contribute to the interdisciplinary teamwork towards the attainment of goals and objectives.

Lo-4. Integrate data and make conclusions:

- Able to collect data, independently analyse, summarize, critically evaluate and interpret;
- Utilize research findings and evidence-based practice and critically approach to data processing,
- Use clinical reasoning skills to formulate appropriate rehabilitation goals through decision making process;
- Able to utilize sound clinical reasoning skills, integrate various data and analyze expected outcomes in planning and implementing appropriate physical therapy interventions, justify the intervention program using evidence-based practice, develop critical, reasoned positions and make conclusions;
- Analyze and evaluate rehabilitation intervention/management and define the need to modify;
- Demonstrate the ability to search and retrieve relevant scientific literature and information sources, critically analyse the available

evidence and make conclusions.

LO-5. Demonstrate proficiency in verbal, nonverbal, and written communications:

- Communicate oral and written information in a clear, sequential, structured and succinct manner regarding ideas, problems and ways of their solution with both specialists and non-specialists, appropriate to the context, and prepare detailed report;
- Demonstrate ability to observe, listen, asking appropriate questions, as well as utilize non-verbal communication skills;
- Effectively communicate and express own opinion, effectively and sequentially discuss problems within the field of study, participate in debates and public discussions;
- Communicate clearly and professionally with patients, family members/care-givers or other stakeholders;
- Demonstrate creative use of modern information and communication technologies to obtain, process, keep or effectively demonstrate/present appropriate information;
- Demonstrate effective use of modern information and communication technologies to process accurately and timely, and keep medical documentation.

LO-6. Cooperate in multidisciplinary and interdisciplinary professional environment:

- Demonstrate effective interpersonal communication strategies within the multi-professional/ interdisciplinary team as well as with other stakeholders or society for effective team-working, collaboration and coordination, clearly conveying goals and ideas, reach agreements within the team, consider other opinions, and participate in resolving problems/conflict situation.
- Demonstrate appropriate professional behaviour and attitudes, adhere to professional and organizational policies;
- Coordinate intervention program with team members and adequately assessing capacity of a team, evaluate properly one's own role and the role of others within a multi/interdisciplinary team and healthcare continuum.

Responsibility and Autonomy –

LO-7. Engage in education and lifelong learning activities:

- Able to evaluate and manage own learning process coherently and thoroughly, and organize it, use appropriate resources; able to self-evaluate and recognize limits of own knowledge, identify further learning and professional development needs;
- Identify the necessity to further learning process, engage actively in planning and management of self-directed learning process as an active learner;

	<ul style="list-style-type: none"> • Engage in professional development and lifelong learning to continually update and enhance own and supporting others' professional knowledge and skills; • Demonstrate appropriate learning skills and ability to continue study on the second cycle of higher education. <p>LO-8. Act professionally in the ethical and legal context:</p> <ul style="list-style-type: none"> • Adhere to ethical principles, national/international legal and professional regulations; • Recognize an ethical dilemma and demonstrate ethical approach in practice and research, apply ethical principles to own clinical practice; • Respect the patients' rights; • Demonstrate commitment to meet professional obligations to provide effective physical therapy, responsibly serve the profession; • Deal with uncertainty and complex situation, directing work oriented on improvement to gain optimal performance of a multi/inter-professional problem-solving process and taking responsibility for it, relevant to the professional competence; • Utilize a biopsychosocial approach when applying health promotion and prevention strategies to own practice; • Show sensitivity and respect the beliefs and values of others and provide equal opportunities to everyone regardless of gender, race, religious, social, and cultural belongings.
<p style="text-align: center;">Employment after graduation</p>	<p>The graduates – Bachelors of Physical Medicine and Rehabilitation will be employed in the:</p> <ul style="list-style-type: none"> • rehabilitation departments of multi-profile hospitals and specialized clinics, • multi-profile and specialized rehabilitation clinics/centers, • ambulatory settings, • resorts and wellness centers, • private clinics, • sports clubs and sports rehabilitation clinics/centers, • different level of educational organization, schools, • community-based rehabilitation programs/services.