

# Bachelor's Degree Program: Physical Medicine and Rehabilitation

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## Approved:

At the meeting of the Academic Council

September 19, 2025 (Protocol No. 14)

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## 1. General Program Information

Field	Details
Program Title	Physical Medicine and Rehabilitation
Level of Higher Education	First Level (Bachelor's)
National Qualifications Framework	Level VI
Qualification Awarded	Bachelor of Physical Medicine and Rehabilitation
Detailed Field Code (ISCED – F – 2013)	0915
Language of Instruction	Georgian
Location of Implementation	Tbilisi, E. Ninoshvili St. N55; Tbilisi, Vazha-Pshavela Ave. N76b
Program Head	Associate Professor Ketevan Beridze

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## 2. Program Structure and ECTS Credits

The program consists of **240 credits** spanning **4 academic years (8 semesters)**. Each semester includes 19 study weeks. 1 ECTS credit equals 25 hours, including contact and independent work.

- **Compulsory Free Components:** 24 ECTS
- **Compulsory Major Courses:** 170 ECTS
- **Elective Major Courses:** 27 ECTS

- **Free Elective Components:** 19 ECTS
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### 3. Admission Prerequisites

- **Requirement:** Possession of full general education and successful performance in the Unified National Examinations.
  - **Mandatory Subjects:** Georgian Language and Literature, Foreign Language (English, German, French, or Russian), Biology, and one of Mathematics/Physics/Chemistry.
  - **International Students:** Admission follows procedures established by the Ministry, including an interview to determine language proficiency.
  
  - **Mobility:** Enrollment is possible through the standard mobility process defined by Georgian law.
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### 4. Program Goals and Learning Outcomes

**Program Goal:** To prepare highly qualified, competitive professionals with evidence-based knowledge in physical medicine and rehabilitation. The program aligns with WHO's Global Action Plan on Physical Activity 2018–2030 and Sustainable Development Goal 3.

#### Key Learning Outcomes:

- Explains principles of anatomy, physiology, biochemistry, and biomechanics in the rehabilitation process.
  - Evaluates clinical forms of diseases, including sports injuries, using biopsychosocial and patient-centered models.
  - Assesses patients on biological, functional, and social levels to develop individual rehabilitation plans.
  - Uses modern rehabilitation techniques safely and ethically.
  - Communicates effectively within interdisciplinary teams.
  - Analyzes complex clinical situations and utilizes scientific literature in Georgian and foreign languages.
  - Promotes healthy lifestyles and recognizes the limits of their professional competence.
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### 5. Teaching and Assessment System

**Teaching Methods:** Interactive lectures, seminars, practical training, case-based clinical reasoning, problem-based learning (PBL), and independent work.

### **Assessment Scale (100 Points):**

- **(A) Excellent:** 91–100 points
- **(B) Very Good:** 81–90 points
- **(C) Good:** 71–80 points
- **(D) Satisfactory:** 61–70 points
- **(E) Sufficient:** 51–60 points
- **(FX) Failed:** 41–50 points (Entitled to one retake)
- **(F) Failed:** 0–40 points (Must retake the course)

**Assessment Components:** Midterm evaluation (60 points) and Final exam (40 points). Students must earn at least 25 points (40%+1) in midterms to be eligible for the final exam.

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## **6. Career Opportunities and Further Education**

**Employment Fields:** Rehabilitation centers, hospitals, sports clinics, sports teams/schools, wellness and resort centers, and community-based rehabilitation programs. **Further Study:** Graduates are eligible to pursue Master's degree programs.

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## **7. Resources and Partnerships**

The university provides simulation labs, computer classes, a library with access to international databases (BioOne, Sage, Cambridge, etc.), and corporate email for all students.

### **Practice Bases:**

- David Tatishvili Sports Medicine and Rehabilitation Center
  - Medical Service of National Olympic/Paralympic Teams
  - Avershi Clinic Rehabilitation Center
  - Tbilisi Balneological Resort
  - Various neurodevelopmental and social adaptation centers
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## **8. Curriculum Highlights (Selected Courses)**

- **Year 1:** Human Anatomy 1 & 2, Computer Technologies, Foreign Languages, Biophysics, Biochemistry.
- **Year 2:** Physiology 1 & 2, Biomechanics and Kinesiology, Medical Ethics, Sports Morphology, Pathology, Foundations of Rehabilitation.

- **Year 3:** Pharmacology, Psychosocial Rehabilitation, Nutrition, First Aid, Anti-Doping, Exercise Therapy, Sports Medicine.
- **Year 4:** Neurology & Neurorehabilitation, Orthopedics & Traumatology, Research Methodology, Clinical Practice (13 ECTS), and Research Project (7 ECTS).

Would you like me to create a simplified table of the specific elective courses or help you calculate the total contact hours for a specific semester?