

Master's Program in Physiotherapy and Rehabilitation (Thesis-Based) (TR)

Program Educational Objectives

PEO1: To train specialists who follow current scientific and technological developments in physiotherapy and rehabilitation, integrating advanced knowledge, clinical assessment, and evidence-based practice skills into specialized clinical areas such as neurological, orthopedic, and cardiopulmonary rehabilitation.

PEO2: To educate researchers who can design and conduct independent scientific research in their field, critically analyze scientific literature, and disseminate their findings through academic publications and presentations at national and international levels.

PEO3: To cultivate professionals who strictly adhere to ethical principles, patient rights, and professional deontology in both clinical practice and scientific research, while assuming effective leadership roles within multidisciplinary healthcare teams.

PEO4: To develop specialists who pursue lifelong learning for continuous professional and personal development, possessing the academic competencies and pedagogical vision necessary to contribute to undergraduate and other educational programs in physiotherapy and rehabilitation.

PEO5: To prepare expert physiotherapists who develop innovative and preventive rehabilitation strategies to address chronic diseases and complex functional impairments, contributing to the promotion of public health and the enhancement of quality of life on both national and global scales.

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Program Outcomes

PO1: Follows theoretical and clinical scientific developments in physiotherapy- and rehabilitation-specific fundamental measurement, assessment, and treatment techniques; applies the acquired advanced and systematic knowledge in professional and academic studies.

PO2: Critically evaluates and integrates data from different disciplines by using the theoretical and practical concepts and principles of physiotherapy and rehabilitation; generates new knowledge and develops competencies in problem-solving and clinical decision-making.

PO3: Prepares research plans and participates in scientific projects; selects appropriate statistical methods for research, interprets and reports findings, and presents or publishes the results at scientific meetings.

PO4: Independently conducts practices and research in the field of physiotherapy and rehabilitation in accordance with ethical values; shares professional knowledge and skills by undertaking responsibilities within teamwork.

PO5: Identifies learning needs and objectives, pursues lifelong learning, and actively contributes to quality improvement, professional education, and public awareness programs.

PO6: Contributes to public health and health policies; raises awareness among individuals, families, and communities about educational, preventive, and rehabilitative approaches.

PO7: Uses at least one foreign language included in the Common European Framework of Reference for Languages to communicate effectively, both orally and in writing, at an international level in professional and academic settings.

Table 5: Matrix of Program Educational Objectives and Program Outcomes (Master's Degree)

Educational Objectives Program Outcomes	PEO1	PEO2	PEO3	PEO4	PEO5
PO1	5	3	3	4	4
PO2	5	4	4	3	4
PO3	3	5	3	3	3
PO4	3	3	5	3	3
PO5	3	3	3	5	4
PO6	3	3	3	3	5
PO7	3	4	3	3	3
5-Very High 4-Above Average	3-Average	2-Below Average	1-Very Low		