



Bangladesh Health Professions Institute (BHPI)

CRP- Chapain, Savar, Dhaka-1343
Web site: www.crp-bangladesh.org
Tel: 7745464, 7745465 (Ext. 253)

Master of Science in Physiotherapy (M.Sc. PT) Affiliated to the Faculty of Medicine, University of Dhaka

Background

Bangladesh Health Professions Institute (BHPI) was established in 1992 with the aim of developing highly skilled multidisciplinary health professionals. BHPI is the academic institute of Centre for the Rehabilitation of the Paralysed (CRP) which offers different courses at Master, Bachelor, Diploma and certificate levels. Students of BHPI have a good external exposure while on clinical placements in Dhaka Medical College and Hospital, National Institute of Diseases of Chest and Hospitals (NIDCH), National Institute of Traumatology and Orthopedic Rehabilitation (NITOR) and many other institutions.

CRP is a renowned placement venue for national and international physiotherapy students. Students have the opportunity to work with musculoskeletal, neurological, paediatric and spinal cord injury (SCI) patients. CRP is also one of the leading spinal cord injury rehabilitation centres in South Asia.

Infrastructural Facilities

BHPI provides its students with a clean, spacious and organised campus with modern teaching facilities. The classes are supported by modern teaching technologies. BHPI has unlimited internet access for the faculties, staff and students.

Library

BHPI has a full digitally enriched library including more than 10,000 books, journals and other learning materials. Students of BHPI can access journals from different world renowned publishers via the HINARI website, which is managed by the World Health Organization (WHO).

BHPI has links with BRACKEN Health Sciences Library, Queen's University Canada and the Bangladesh Academy of Sciences (INASP).

Computer Lab

BHPI has a comprehensive computer lab facility which is accessible to all students. The library also provides scanner, internet access and photocopy facilities with minimal cost.

MSc PT Program

Access to health is a basic human right. Bangladesh has made tremendous developments in the health sector in the last few decades. As a result of the increase in economic and social development, the demand on health care is changing, and consequently the demands put on health professions are increasing. Health professionals with specialized knowledge and expertise are needed to deliver client centered care health services. A multidisciplinary team approach is necessary to ensure the quality of life for people with various health care needs. Now, more than ever, it is important to train health professionals in a variety of disciplines to a high standard.

Physiotherapy is an invaluable health profession and the demand for highly skilled physiotherapists is increasing in Bangladesh. Several institutions in Bangladesh provide entry-level qualification. Many physiotherapists have completed their graduation but postgraduate education in physiotherapy is rarely available in Bangladesh. For professional development and in order to provide better services, higher education is very important for health professionals.

The Master of Science in Physiotherapy (MSc. PT) degree is designed to develop professionally competent, advanced academic clinicians, equipped with contemporary skills and knowledge, in order to achieve success in the demanding health care environment.

The M.Sc. PT is an advanced level practice orientated degree targeted at physiotherapists who wish to pursue higher studies in the area of education, research, and clinical practice. This program gives the opportunity to physiotherapists to acquire advanced theoretical and clinical knowledge for deeper understanding of research and to integrate this knowledge with clinical skills in to practice.

Name of the Course: Master of Science in Physiotherapy

Duration: Two years

Date of Commencement: July in each year

Vision: To provide professional physiotherapists with the advanced level skills needed for patient centered evidence-based practice, and to educate, lead, and conduct research.

Mission: To educate professional physiotherapists to a level that will enable them to deliver appropriate and high quality health care services in order to meet a diverse range of needs.

Objectives of the Program:

- To enhance the knowledge and skills of qualified physiotherapists in order to improve patient care.
- To provide educational experience that improves clinical reasoning and decision-making skills.
- To provide educational experience that facilitates evidence-based practice, community service, education and research
- To encourage engagement in inter-professional collaborative practice.
- To train graduates who will eventually provide leadership in physiotherapy at local, national, and international levels.
- To meet the emerging needs of ethical, competent and caring physiotherapists.

Course Structure: Part - I July-June (12 Months)

Part - II July-June (12 Months)

Course Contents and Total Teaching Hours:

Part - I (12 Months)

Paper	Subjects	Hours			Total Hours
		Lecture	Practical	Self Directed Learning	
Paper I	Clinical Reasoning in Physiotherapy	70	30	50	150
Paper II	Evidence Based Practice in Physiotherapy	70	30	50	150
Paper III	Research Methodology and Biostatistics	70	30	50	150
Paper IV	Rehabilitation Science	70	30	50	150
Paper V	Principle of Physiotherapy	70	30	50	150
Paper VI	Advanced Musculoskeletal and Orthopedic Physiotherapy	70	30	50	150
Paper VII	Advanced Neurological Physiotherapy	70	30	50	150
Paper VIII	Advanced Cardio-respiratory Physiotherapy	70	30	50	150
Total		560	240	400	1200

Part – II (12 Months)

Paper	Subjects	Hours			Total Hours
		Lecture	Practical	Self-Directed Learning	
Paper IX	Health Service Management and Inter professional Practice	70	30	50	150
Paper X (Elective)	Physiotherapy in Pediatrics	70	30	50	150
	Physiotherapy in Sports	70	30	50	150
	Physiotherapy in Women's health	70	30	50	150
	Physiotherapy in Ageing	70	30	50	150
Paper XI	Advanced Clinical Practice in Physiotherapy-I	Clinical Placement 150 Hours			150
Paper XII	Advanced Clinical Practice in Physiotherapy-II	Clinical Placement 150 Hours			150
Paper XIII	Thesis 600				600
Total					1200

- **Direct Lecture:** Face to face teaching
- **Practical:** Problem solving approach, practical work, field visit
- **Self-Directed Learning:** Students individual learning activities

Total Course fees: BDT. 250,200

*Dhaka University registration and examination fees are not included.

Admission Test

Total Marks=100

Written	70
Viva	10
Work Experience	10 (1 point for a full year of experience. Fractions of a year will not be counted. Experience of 10 years or above will get 10 points)
Education	10 (SSC- 20% , HSC-30% , BSc PT- 50%)

- Admission committee reserves all rights of admission

**For further information please contact at BHPI office or visit
www.bhpi.edu.bd**



Rehabilitation study tour of MPT students in India