



INDIAN
INSTITUTE
of PUBLIC
HEALTH
SHILLONG

ESTABLISHED BY GOVT. OF MEGHALAYA AND PHFI




MASTER OF SCIENCE IN BIOSTATISTICS (M.Sc. Biostatistics) Admission Brochure



IN COLLABORATION WITH **MARTIN
LUTHER CHRISTIAN UNIVERSITY**



ABOUT THE INDIAN INSTITUTE OF PUBLIC HEALTH SHILLONG (IIPHS)



Indian Institute of Public Health Shillong (IIPHS) was set up by the Government of Meghalaya in collaboration with the Public Health Foundation of India. The mandate of IIPHS includes capacity strengthening and improving health outcomes through engagement in research, education and policy relevant to the northeast region and the country. In 2019, the Masters in Public Health (MPH) programme was established, followed by the Bachelors of Science in Public Health (B.Sc. PH) programme and a PhD programme through a partnership with Martin Luther Christian University, Shillong. These educational initiatives aim to cultivate a skilled cohort of professionals equipped with foundational knowledge in public health, enabling them to address the diverse health challenges prevalent in India. Along with a roster of highly qualified and experienced teaching faculty, IIPHS has ongoing research projects in infectious disease, health economics, health systems, non-communicable disease and more, funded by international, national, and state agencies which will provide opportunities for experiential learning to our students. Graduates of IIPHS are employed at state and private sector organization such as the Government of Meghalaya, State Health System Research Centre, the World Health Organization and NEIGRIHMS.

ABOUT THE MARTIN LUTHER CHRISTIAN UNIVERSITY (MLCU)

The Martin Luther Christian University (MLCU), established in 2006, is the pioneering university in Meghalaya. MLCU commits itself to render service to the community and to provide its students with a high-quality education that will enable them to graduate as well-rounded professionals, to serve with purpose, integrity, and efficiency anywhere in the world. With job-oriented academic courses, MLCU is prepared to meet the challenges and requirements of the present-day workplace. MLCU emphasizes skills and experiential learning and offers hands-on development projects for its students to acquire not only knowledge and skills, but the real-life expertise needed to pursue gainful and fulfilling careers. The University collaborates with the government, NGOs, community organizations, self-help groups, and industry in the development of the community.

MASTER OF SCIENCE IN BIOSTATISTICS (M.Sc. Biostatistics)

OVERVIEW OF THE COURSE:

The MSc Biostatistics program is offered by IIPHS in collaboration with Martin Luther Christian University (MLCU). It is a full-time, on-campus postgraduate program of two years' duration designed to build advanced skills in statistical reasoning, data analysis, and interpretation in the context of public health and medical research. The program prepares students to apply statistical methods for designing studies, managing data, conducting analyses, and communicating findings effectively to both technical and lay audiences. The MSc Biostatistics program focuses on developing practical skills through hands-on training with statistical and demographic software, real-world datasets, and field-based research.

COURSE DURATION:

The MSc Biostatistics program spans two years (4 semesters). A student completing all four semesters and the dissertation will be awarded a Master of Science in Biostatistics degree.

MINIMUM EDUCATIONAL QUALIFICATIONS:

Candidates having B.A./B.Sc. degree in Statistics/Mathematics/Economics/Allied Health or having B.A./B.Sc. degree with papers on Mathematics or Statistics from a recognized university in India or abroad.

HOW TO APPLY:

Application form and other supporting documents may be submitted online through the admissions portal:

<http://admissions.mlcuniv.in/>

COURSE DELIVERY:

Pedagogy:

- Lectures
- Practicum
- Field work
- Internship
- Capstone Project

Assessment:

- Continuous Formative Evaluation
- Presentations
- Analytical assignments
- Reports

CAREER PROSPECTS:

The MSc Biostatistics programme is designed to equip students with advanced skills in statistical analysis, data management, and interpretation for health and medical research. These competencies prepare graduates to work in a range of settings, including government and non-governmental organizations, academic institutions, the pharmaceutical and healthcare industries, and international research agencies. The program also provides a strong foundation for those interested in pursuing research or doctoral studies in biostatistics and related fields.

Total Fee for the MSc Biostatistics:

₹ 4,40,980 for the entire course.

Partial/Full scholarships will be available for candidates from SC/ST and or economically challenged backgrounds.

For more information kindly visit the MLCU website at <https://www.mlcuniv.in/>