

MPH Implementation Science at Muhimbili University of Health and Allied Sciences

Scholarships available (tuition fee and research costs)

The Master of Public Health in Implementation Science (MPH IS) aims at training health professionals from Tanzania in methodological and substantive aspects of Implementation Science. This training program aims to train graduates to solve problems that arise when implementing interventions (programs, tools, or processes designed to achieve better outcomes). These problems may include a lack of organizational capacity or resources, policy or process barriers that complicate implementation, or the failure of a successful intervention in one context to be effective when spread to other contexts. The graduates will be analytical thinkers with core competencies that can identify and develop solutions to bottlenecks and barriers in the health system, design implementation of specific evidence-informed intervention, communicate and engage with relevant stakeholders, manage a team and operations as well as conduct scientifically sound implementation research.

Duration: 2 years, full time

Mode of delivery: Mixed (face-to-face and online), field attachment.

Entry requirements/Qualification:

The following shall be eligible to enrol for the degree:

- (i) Graduates with bachelor degrees from any recognized University in the fields of Medicine, Dentistry, Laboratory Sciences, Veterinary Sciences, Pharmacy, Environmental Health Sciences, Nursing or any other relevant health related fields.
- (ii) Graduates with bachelor degrees in other fields of study such as statistics, epidemiology, demography, food science, social science, information and communications technology (ICT), economics, public health and other relevant fields may also apply provided they are graduates from recognized Universities.
- (iii) Applicants must have scored at least a GPA of 2.7 in their undergraduate degree course.

Nature of practical training or field work attached to programme

Students are attached to a field site during semester 3 and 4 to apply implementation research skills including identification of implementation challenges and suggesting potential solutions to improve uptake of evidence based interventions. Field sites will include Ministry of Health, Community Development, Gender, Elderly and Children (MoHCDGEC), President's Office Regional Administration and Local Government (PORALG), National Institute for Medical Research (NIMR) and other relevant organizations. The proposed field sites are involved in implementation of various interventions and also provide a platform for use of routinely collected data.

To apply use this link: <https://www.muhas.ac.tz/announcements/321>

Courses

Semester 1 Year 1

Course Code	Course name	Core or elective	Total Hrs	Credits
FP600	Principles of Public Health and One Health	Core	70	7.0
FP601	Principles of Epidemiology	Core	85	8.5
FP602	Biostatistics	Core	85	8.5
FP603	Health Management, Planning and Policy	Core	121.5	12.2
FP604	Introduction to environmental and occupational health	Core	72	7.2
FP606	Research Methods	Core	114	11.4
FP607	Implementing Behavior Change	Core	70	7
PQ600	Special Public Health Issues 1	Core	62	6.2
Total			679.5	68

Semester 2 Year 1

Course Code	Course name	Core or elective	Total Hrs	Credits
PQ600	Special Public Health Issues 2	Core	100	10
IS600	Principles of Implementation Science	Core	110	11
IS601	Advanced Implementation Quantitative Methods	Core	100	10
IS602	Advanced Qualitative Research Methods	Core	80	8
IS603	Economic Evaluation and Health Technology Assessment	Core	80	8
PME609	Principles of Designing and Implementing Evaluation of Health Interventions	Core	120	12
IS699.1	Dissertation	Core	290	29
Total			880	88

Semester 3 Year 2

Course Code	Course name	Core or elective	Total Hrs	Credits
IS 699.2	Dissertation	Core	400	40
IS 604.1	Field attachment	Core	350	35
Total			750	75

Semester 4 Year 2

Course Code	Course name	Core or elective	Total Hrs	Credits
IS 699.3	Dissertation	Core	380	38
IS 604.2	Field attachment	Core	250	25
IS 605	Knowledge Translation	Core	120	12
Total			750	75

