

LIAQUAT UNIVERSITY OF MEDICAL & HEALTH SCIENCES

GATEWAY TO BRIGHTER FUTURE

Post-graduate Research handbook 2025-26



**Medical
Research
Center**

For further details
www.lumhs.edu.pk



Introduction

Research is the backbone of all institutions. Advanced countries claim to be advanced because of their research development which in turn make them modernized as well as help them in generating their revenue. Medical universities play pivotal role in health care development all around the world. Starting from surveys to predict upcoming health issues till development of novel drugs and diagnostic techniques.

Post-graduate students are the main strength of any institution. Here we present guidelines and structure of your research curriculum which will help you to achieve milestones of your degree program.

Faculty

Research faculty at MRC will be responsible for course work/workshops and overall supervision of the projects. However, clinical/ primary supervisors will be the principal investigator for the research project/ Grant application.

Two year programs

This program is applicable to all programs of two years duration eg. M.Phil or equivalent.



Schedule of the Post-graduate research program- 2 year program												
	Mo1	Mo2	Mo3	Mo4	Mo5	Mo6	Mo7	Mo8	Mo9	Mo10	Mo11	Mo12
Year 1												
Synopsis writing workshop												
ICH GCP Certification												
Submission of synopsis and registration at Clinicaltrial.gov												
Approval of synopsis												
Research Methodology workshop												
MS Office workshop												
SPSS workshop												
Prism Pad Workshop												
Completion of data collection												
Year 2												
Compiling of data/ analysis												
Thesis writing workshop												
Manuscript writing workshop												
Publication of Y category publication												

Four & Five year Programs

The program includes all including MS, MD and sub-specialty degree programs.



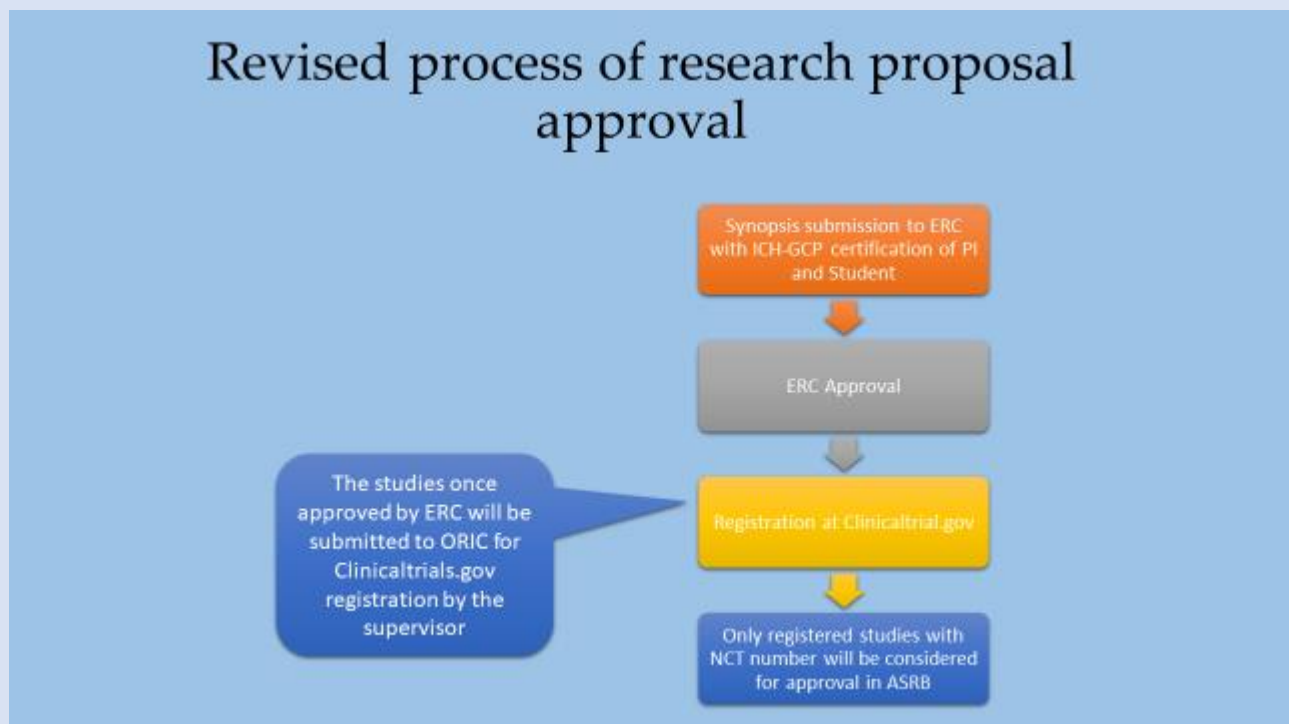
Schedule of the Post-graduate research program- 4 years program												
	Mo1	Mo2	Mo3	Mo4	Mo5	Mo6	Mo7	Mo8	Mo9	Mo10	Mo11	Mo12
Year 1												
Synopsiswriting workshop												
ICH GCP Certification												
Submission of synopsis and registration at <i>Clinicaltrial.gov</i>												
Approval of synopsis												
Research Methodology workshop												
MS office workshop												
SPSS workshop												
Prism Pad Workshop												
Data collection												
Year 2												
Data collection												
Academic/ Manuscript writing workshop												
Year 3 and 4												
Compiling of data/ analysis												
Thesis writing workshop												
Publication in Y or X category												

1. Responsibilities of Candidates

- The candidate shall pursue her/his training at LUMHS according to the curriculum.
- He/she will have to attend all mandatory workshops failing which the examination form will not be accepted (where applicable).
- Each workshop is designed for particular stage of their training requirements thus that needs to be completed within specified period of time.
- The registrations for the workshop can be downloaded from:
<https://www.lumhs.edu.pk/oric/>

2. Synopsis writing and approval

- i. Selection of the topic for Research protocol/synopsis shall be completed within three months of admission in the course with the consultation of supervisor is mandatory. No synopsis shall be accepted after 12 months of commencement of training. The synopsis must be approved within one year of its submission.
- ii Research faculty and primary supervisor will provide technical support in writing synopsis. Technical review of the synopsis will be conducted at MRC before proceeding for the Advanced Study and Research Board (ASRB) approval. Registration at *clinicaltrial.gov* is mandatory for ASRB approval.



3. Research grant

- i. All post-graduate will be working on a research project, in case if funds are required then Supervisor will serve as the Principal Investigator in collaboration with PhD faculty at MRC.

4. Publication of research work

All post-graduates are strictly advised to publish a manuscript from their research project before appearing in the final exam. For publication of the manuscript MRC / ORIC will provide all the technical support.

5. Verification of published manuscript

The published manuscript must be from thesis project being student as the first author and supervisor as lead and corresponding author. Publication of Y category is mandatory for all degree programs while X category is preferred. Verification of the published manuscript must be done from the Medical Research Centre using the prescribed proforma.

Contacts at MRC:

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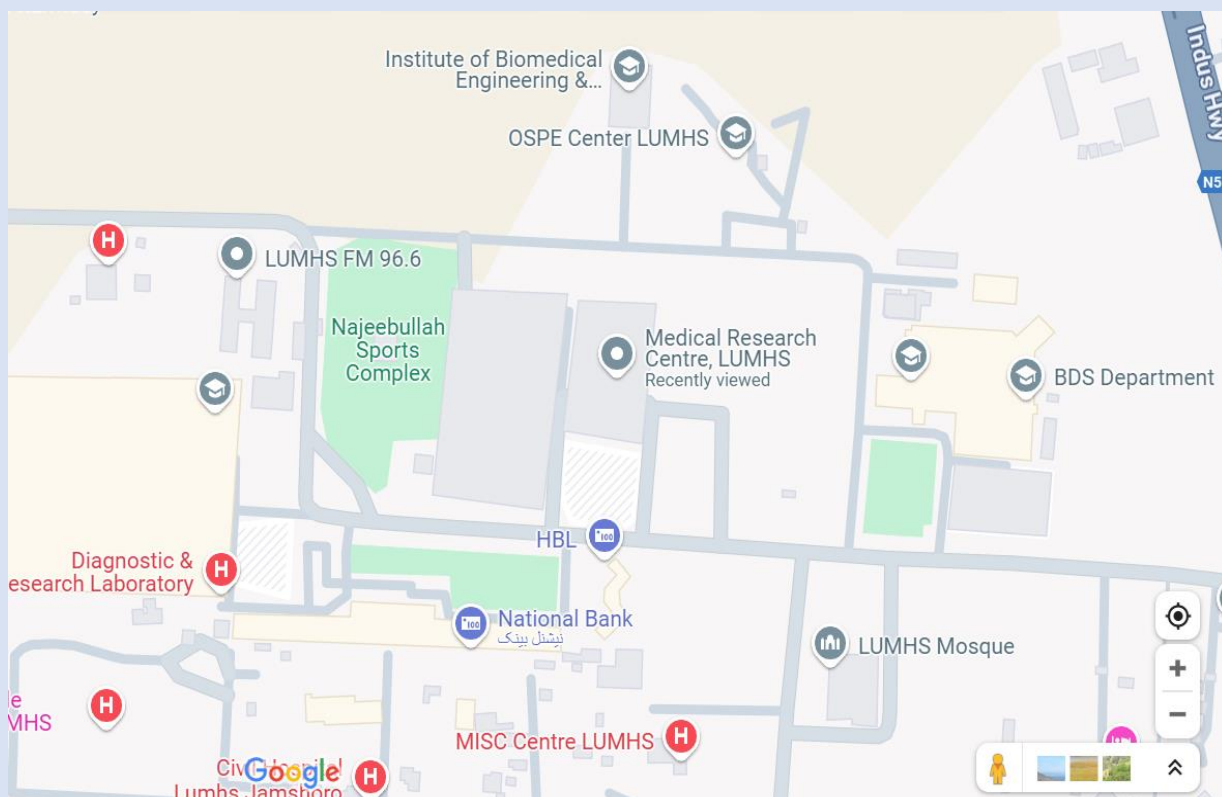
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