



**Yong Loo Lin
School of Medicine**

STUDY PLAN

**MASTER OF CLINICAL
INVESTIGATION PROGRAMME
(MCI)**

AY26/27



PROPOSED STUDY PLAN

Students can refer to the following *tentative* timetable for the MCI programme (ALL courses are compulsory):

Note: Part-time students are expected to complete the programme within 24 - 36 months. The maximum candidature is 36 months; excluding Leave of Absence (LOA).

| SEMESTER 1 (11 AUG 2026 – 5 DEC 2026) | | |
|---|--|---|
| Week 0 | 3 Aug 2026 – 7 Aug 2026 Orientation | A 3-hour orientation session will be conducted during this week. Students are expected to familiarise themselves with Canvas, ExamSoft and complete the assigned pre-reading. |
| Weeks 1 - 7 | 11 Aug 2026 – 25 Sep 2026 (9 am – 6 pm daily) | MCI5001 Design and Planning of Clinical Studies MCI5002 Clinical Biostatistics MCI5003 Basic Clinical Pharmacology for Clinical Research MCI5004 Molecular Biomarkers in Clinical Research MCI5005 Ethics and Regulation of Clinical Research MCI5006 Design and Planning of Epidemiological Studies MCI5008 Research Project (course runs throughout the whole programme) 'Wet' Lab Experiential Workshops (~2 days) |
| SEMESTER 2 (4 JAN 2027 – 8 MAY 2027) | | |
| Weeks 0 - 5 | 4 Jan 2027 – 5 Feb 2027 (9 am – 6 pm daily) | AQM Advanced Quantitative Methods (non-examinable course) SPH5102 Design, Conduct and Reporting of Clinical Trials MCI5009 Health Services Research Methods for Clinicians MCI5007 Scientific Writing |

The MCI programme run part-time over two academic years, with two components: Coursework and Research.

The Coursework Component is completed in the first year, comprising ten courses delivered across two intensive teaching blocks designed to fit around clinical schedules. This component carries 32 units.

The Research Component runs across both years and contributes 8 units, bringing the programme to a total of 40 units.

| COURSEWORK COMPONENT | | | | |
|---------------------------------------|---|---------|---------------------------------------|--|
| 10 Courses | | | | |
| To be completed in Academic Year 1 | | | | |
| Semester 1 (6 - 7 Weeks, Full Day) | | | Semester 2 (4 - 5 Weeks, Full Day) | |
| MCI5001 | Design and Planning of Clinical Studies | 4 units | MCI5007 | Scientific Writing 2 units |
| MCI5002 | Clinical Biostatistics | 4 units | MCI5009 | Health Services Research Methods for Clinicians 4 units |
| MCI5003 | Basic Clinical Pharmacology for Clinical Research | 4 units | SPH5102 | Design, Conduct and Reporting of Clinical Trials 4 units |
| MCI5004 | Molecular Biomarkers in Clinical Research | 4 units | | |
| MCI5005 | Ethics and Regulation of Clinical Research | 2 units | | |
| MCI5006 | Design and Planning of Epidemiological Studies | 4 units | | |
| 32 units in total | | | | |

| RESEARCH COMPONENT | | |
|---|------------------|--|
| PHASE 1 (Academic Year 1) | | PHASE 2 (Academic Year 2) |
| Conceptualisation, Planning & Proposal Preparation | | Practical Experience Conducting an Actual Research Project |
| MCI5008 | Research Project | 8 units |
| Features: <ul style="list-style-type: none"> Wet-lab session* (Academic Year 1 Semester 1): Gain exposure to the basic research lab environment Mentorship: Each student is paired with two mentors – one in biostatistics and one clinical – who will guide them throughout their research project. | | |
| 8 units in total | | |

Fast-track to NUS PhD

MCI graduates may be eligible for a transfer of up to 24 units towards the NUS PhD programme, waiving most of the first-year coursework.

APPLY NOW



For more information about the programme, please visit our [webpage](#) or contact us via email at mci@nus.edu.sg