



Yong Loo Lin
School of Medicine

STUDY PLAN

MASTER OF CLINICAL INVESTIGATION PROGRAMME (MCI)

AY27/28



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 (AUG 2027 – DEC 2027)		
Week 0	Aug 2027 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	Aug 2027 – Sep 2027 (9 am – 6 pm daily)	<p>MCI5001 Design and Planning of Clinical Studies</p> <p>MCI5002 Clinical Biostatistics</p> <p>MCI5003 Basic Clinical Pharmacology for Clinical Research</p> <p>MCI5004 Molecular Biomarkers in Clinical Research</p> <p>MCI5005 Ethics and Regulation of Clinical Research</p> <p>MCI5006 Design and Planning of Epidemiological Studies</p> <p>MCI5008 Research Project (course runs throughout the whole programme)</p> <p>'Wet' Lab Experiential Workshops (~2 days)</p>
SEMESTER 2 (JAN 2028 – MAY 2028)		
Weeks 0 - 5	Jan 2028 – Feb 2028 (9 am – 6 pm daily)	<p>AQM Advanced Quantitative Methods (non-examinable course)</p>
		<p>SPH5102 Design, Conduct and Reporting of Clinical Trials</p>
		<p>MCI5009 Health Services Research Methods for Clinicians</p>
		<p>MCI5007 Scientific Writing</p>

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

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) Conceptualisation, Planning & Proposal Preparation		PHASE 2 (Academic Year 2) 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