



Yong Loo Lin
School of Medicine

STUDY PLAN

MASTER OF SCIENCE IN APPLIED
BIOMEDICINE (MSc ABM)



PROPOSED STUDY PLAN

Students can refer to the following tentative provisional timetable for the programme:

Semester 1 (Aug – Dec)	Semester 2 (Jan – May)	Special Term 1 (May - Jun)
<ul style="list-style-type: none"> • ABM5003 Biomedical Innovation & Enterprise • ABM5004 Capstone Project • BMI5101B Advanced Biomedical Informatics • MDG5229 Advanced Topics in Signal Transduction (For students not taking ABM5004) • ABM5101 Applied Immunology • ABM5102 Vaccine Development and Its Modern Application* • ABM5103 Advanced Technologies in Immune Therapeutic Development • ABM5104 Microbiome-Aging-Immunity Crosstalk • ABM5105 Drugs used in Infectious Diseases* • MDG5204 Advanced Topics in Pharmacology • ABM5107 One World, One Health: Ecosystems, Animals, and Us • MDG5246 Infectious Diseases: Principle & Research Methods 	<ul style="list-style-type: none"> • ABM5002 Advanced Biostatistics for Research • MDG5102 Techniques in Biomedical Research (For students not taking ABM5004) • ABM5104 Microbiome-Aging- Immunity crosstalk • MDG5207 Clinical Immunology and Immunotherapeutic • ABM5106 Anticancer Therapeutics • MDG5233 Current Topics in Drug Design and Development • MDG5232 Current Practices in Biotechnology • SPH5201 Control of Communicable Diseases** • SPH5205 Urban Outbreak Management** 	<ul style="list-style-type: none"> • ABM5001 Leadership in Biomedicine • SPH5206 Urban Field Epidemiology**

* Courses are also listed under Infectious Diseases Management Specialisation

** Students can only register for one of these 3 elective courses

- Core Courses
- Electives Courses (Vaccinology and Immunotherapy)
- Elective Courses (Drug Discovery and Development)
- Elective Courses (Infectious Diseases Management)

Specialisation: Vaccinology and Immunotherapy		
Semester 1	Semester 2	Special Term 1
1) ABM5003 2) ABM5004 3) BMI5101B 4) MDG5229 5) ABM5101 6) ABM5102 7) ABM5103 8) ABM5104	1) ABM5002 2) MDG5102 3) ABM5104 4) MDG5207	1) ABM5001

Specialisation: Drug Discovery and Development		
Semester 1	Semester 2	Special Term 1
1) ABM5003 2) ABM5004 3) BMI5101B 4) MDG5229 5) ABM5105 6) MDG5204	1) ABM5002 2) MDG5102 3) ABM5106 4) MDG5232 5) MDG5233	1) ABM5001

Specialisation: Infectious Disease Management		
Semester 1	Semester 2	Special Term 1
1) ABM5003 2) ABM5004 3) BMI5101B 4) MDG5229 5) ABM5105 6) ABM5107 7) MDG5246	1) ABM5002 2) MDG5102 3) SPH5201* 4) SPH5205*	1) ABM5001 2) SPH5206*

*For Infectious Disease Management, choose one out of 3 electives



Yong Loo Lin
School of Medicine

APPLY NOW



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