



Yong Loo Lin
School of Medicine

STUDY PLAN

MASTER OF SCIENCE IN
BIOMEDICAL INFORMATICS
(MSc in BMI)



PROPOSED STUDY PLAN

Full-time Students (complete in 1 year)

Semester 1 (5 courses, 20 units)	Semester 2 (5 courses, 20 units)
4 Core courses (16 units) BMI5101 – Advanced Biomedical Informatics BMI5306 – Advanced Agile Project Management BMI5207 – Medical Data and Data Processing IT5001 – Software Development Fundamentals	1 Core course (4 units) BMI5111 – Capstone Project
1 Elective course (4 units) Select 1 under your specialisation	4 Elective courses (16 units) Select 4 under your specialisation

Part-time Students (complete in 2 years)

Year 1	
Semester 1 (2 courses, 8 units)	Semester 2 (3 courses, 12 units)
2 Core courses (8 units) BMI5101 – Advanced Biomedical Informatics BMI5306 – Advanced Agile Project Management	1 Core course (4 units) IT5001 – Software Development Fundamentals
No elective courses	2 Elective courses (8 units) Select 2 under your specialisation
Year 2	
Semester 1 (3 courses, 12 units)	Semester 2 (2 courses, 8 units)
1 Core course (4 units) BMI5207 – Medical Data and Data Processing	1 Core course (4 units) BMI5111 – Capstone Project
2 Elective courses (8 units) Select 2 under your specialisation	1 Elective course (4 units) Select 1 under your specialisation

Additional Notes

1. Full-time (FT) students will be **pre-allocated** core courses below in the first semester of the academic year (AY):
 - a. BMI5101
 - b. BMI5306
 - c. BMI5207
 - d. IT5001
2. Part-time (PT) students would be **pre-allocated** core courses in the first semester of the AY:
 - a. BMI5101
 - b. BMI5306
3. You **do not need to register** for the core courses pre-allocated to you during the course registration exercise.
4. If you wish to maximise your workload (taking up 5 courses, FT; 3 courses, PT) this semester, please complete the [Elective Interest Level Form](#) and choose only **ONE** course. You do not need to submit the form should you decide not to maximise your workload.
5. The **maximum** load for full-time and part-time students is 20 and 12 units respectively.
6. The **minimum** load for full-time and part-time students is 12 and 4 units respectively.

CORE COURSES SCHEDULE - SEMESTER 1, AY24/25

Glossary

AY : Academic Year
 COM : Computing Building
 ISS : Institute of System Science
 LT : Lecture Theatre
 MD : Medicine Building
 MPH : Multi-Purpose Hall
 NUHS : National University Health System

NUS Campus Map : <https://map.nus.edu.sg/>

Course : **BMI5101 – Advanced Biomedical Informatics**

Class timing : Weekly Tuesday, 6:30 pm – 9:30 pm

Weeks	Dates*	Venues*
1	13-Aug-24	LT35, MD6 (Level 1)
2	20-Aug-24	
3	27-Aug-24	
4	3-Sep-24	MPH 2, MD6 (Level 3)
5	10-Sep-24	LT35, MD6 (Level 1)
6	17-Sep-24	
7	1-Oct-24	MPH 2, MD6 (Level 3)

Weeks	Dates*	Venues*
8	8-Oct-24	MPH 2, MD6 (Level 3)
9	15-Oct-24	
10	22-Oct-24	
11	29-Oct-24	LT35, MD6 (Level 1)
12	5-Nov-24	
13	12-Nov-24	MPH 2, MD6 (Level 3)

Course : **IT5001 – Software Development Fundamentals**

Lecture : Weekly Wednesday, 7:30 pm – 9:30 pm

Tutorial / Lab : Weekly Wednesday, 9:00 am – 11:00 am; or 4:00 pm – 6:00 pm;
 or 6:30 pm – 7:30 pm

Weeks	Dates*	Venues*
1	14-Aug-24	COM1, NUS 13 Computing Drive, Singapore 117417
2	21-Aug-24	
3	28-Aug-24	
4	4-Sep-24	
5	11-Sep-24	
6	18-Sep-24	
7	2-Oct-24	

Weeks	Dates*	Venues*
8	9-Oct-24	COM1, NUS 13 Computing Drive, Singapore 117417
9	16-Oct-24	
10	23-Oct-24	
11	30-Oct-24	
12	6-Nov-24	
13	13-Nov-24	

**subject to updates*

CORE COURSES SCHEDULE - SEMESTER 1, AY24/25

Course : BMI5306 – Advanced Agile Project Management

Class timing : Weekly Saturday, 9:00 am – 5:00 pm (Lunchbreak, 12:30 pm – 1:30 pm)

Weeks	Dates*	Venues*
1	17-Aug-24	ISS Building 25 Heng Mui Keng Terrace, Singapore 119615
2	24-Aug-24	
3	31-Aug-24	
4	7-Sep-24	
5	14-Sep-24	
6	21-Sep-24	
7	17-Aug-24	

Course : BMI5207 – Medical Data and Data Processing

Class timing : Weekly Thursday, 6:30 pm – 9:30 pm

Weeks	Dates*	Venues*
1	15-Aug-24	LT35, MD6 (Level 1)
2	22-Aug-24	
3	29-Aug-24	
4	5-Sep-24	
5	12-Sep-24	
6	19-Sep-24	
7	3-Oct-24	

Weeks	Dates*	Venues*
8	10-Oct-24	LT35, MD6 (Level 1)
9	17-Oct-24	
10	24-Oct-24	
11	7-Nov-24	
12	14-Nov-24	
13	21-Nov-24	

Course : BMI5111 – Capstone Project

Class timing : There is no class for this course. Please take note of the key dates below.

Weeks	Dates*	Activity	Venues*
3	26-Aug-24	Introduction	NUHS Tower Block 1E Kent Ridge Rd, Singapore 119228 Or Zoom
7	30-Sep-24	Briefing and discussion	
11	28-Oct-24	Briefing and discussion	
14	18-Oct-24 to 22-Oct-24	Student presentations	

**subject to updates*

CORE COURSES SCHEDULE - SEMESTER 1, AY24/25

Course : BMI5102 – Health Sciences for Non-Clinicians

Class timing : Weekly Monday, 6:30 pm – 9:30 pm

Weeks	Dates*	Venues*
1	12-Aug-24	LT35, MD6 (Level 1)
2	19-Aug-24	
3	26-Aug-24	
4	2-Sep-24	
5	9-Sep-24	
6	16-Sep-24	
7	30-Sep-24	MPH 2, MD6 (Level 3)

Weeks	Dates*	Venues*
8	7-Oct-24	MPH 2, MD6 (Level 3)
9	14-Oct-24	LT35, MD6 (Level 1)
10	21-Oct-24	MPH 2, MD6 (Level 3)
11	28-Oct-24	
12	4-Nov-24	
13	11-Nov-24	

Course : BMI5108 – Advanced Value-Based Healthcare

Class timing : Weekly Friday, 6:30 pm – 9:30 pm

Weeks	Dates*	Venues*
1	16-Aug-24	T07-03, NUHS Tower Block
2	23-Aug-24	T07-04, NUHS Tower Block
3	30-Aug-24	
4	6-Sep-24	
5	13-Sep-24	T10-02, NUHS Tower Block
6	20-Sep-24	T07-03, NUHS Tower Block
7	4-Oct-24	T10-02, NUHS Tower Block

Weeks	Dates*	Venues*
8	11-Oct-24	T07-03, NUHS Tower Block
9	18-Oct-24	T10-02, NUHS Tower Block
10	25-Oct-24	T07-04, NUHS Tower Block
11	8-Nov-24	
12	15-Nov-24	T07-03, NUHS Tower Block
13	22-Nov-24	

Course : SPH5003 – Health Behaviour and Communication

Class timing : Weekly Tuesday, 6:00 pm – 9:00 pm

Weeks	Dates*	Venues*
1	13-Aug-24	08-01E, MD1, NUS 12 Science Drive 2, Singapore 117549
2	20-Aug-24	
3	27-Aug-24	
4	3-Sep-24	
5	10-Sep-24	
6	17-Sep-24	
7	1-Oct-24	

Weeks	Dates*	Venues*
8	8-Oct-24	08-01E, MD1, NUS 12 Science Drive 2, Singapore 117549
9	15-Oct-24	
10	22-Oct-24	
11	29-Oct-24	
12	5-Nov-24	
13	12-Nov-24	

*subject to updates

CORE COURSES SCHEDULE - SEMESTER 1, AY24/25

Course : SPH5007 – Implementing Public Health Programmes and Policies

Class timing : Weekly Wednesday, 6:00 pm – 9:00 pm

Weeks	Dates*	Venues*
1	14-Aug-24	08-01E, MD1, NUS 12 Science Drive 2, Singapore 117549
2	21-Aug-24	
3	28-Aug-24	
4	4-Sep-24	
5	11-Sep-24	
6	18-Sep-24	
7	2-Oct-24	

Weeks	Dates*	Venues*
8	9-Oct-24	08-01E, MD1, NUS 12 Science Drive 2, Singapore 117549
9	16-Oct-24	
10	23-Oct-24	
11	30-Oct-24	
12	6-Nov-24	
13	13-Nov-24	

Course : SPH5416 – Introduction to Integrated Care

Class timing : Weekly Friday, 6:00 pm – 9:00 pm

Weeks	Dates*	Venues*
1	16-Aug-24	09-03, MD1, NUS 12 Science Drive 2, Singapore 117549
2	23-Aug-24	
3	30-Aug-24	
4	6-Sep-24	
5	13-Sep-24	
6	20-Sep-24	
7	4-Oct-24	

Weeks	Dates*	Venues*
8	11-Oct-24	09-03, MD1, NUS 12 Science Drive 2, Singapore 117549
9	18-Oct-24	
10	25-Oct-24	
11	8-Nov-24	
12	15-Nov-24	
13	22-Nov-24	

Course : SPH5409 – Qualitative Methods in Public Health

Class timing : Weekly Wednesday, 2:00 pm – 5:00 pm

Weeks	Dates*	Venues*
1	14-Aug-24	09-03, MD1, NUS 12 Science Drive 2, Singapore 117549
2	21-Aug-24	
3	28-Aug-24	
4	4-Sep-24	
5	11-Sep-24	
6	18-Sep-24	
7	2-Oct-24	

Weeks	Dates*	Venues*
8	9-Oct-24	09-03, MD1, NUS12 Science Drive 2, Singapore 117549
9	16-Oct-24	
10	23-Oct-24	
11	30-Oct-24	
12	6-Nov-24	
13	13-Nov-24	

**subject to updates*

CORE COURSES SCHEDULE - SEMESTER 1, AY24/25

Course : DL5102 – Digital Agility & Change Leadership

Class timing : Twice weekly, Friday, 6:30 pm – 10:00 pm & Saturday, 9:00 am – 5:00 pm)

Weeks	Dates*	Venues*
7	4-Oct-24	ISS Building 25 Heng Mui Keng Terrace, Singapore 119615
	5-Oct-24	
9	18-Oct-24	
	19-Oct-24	
10	25-Oct-24	
	26-Oct-24	
12	8-Nov-24	
	9-Nov-24	

**subject to updates*



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For more information about the programme,
please visit our webpage or contact us via email at nusdbmi@nus.edu.sg