Proposed Study Plan (MSc in Biomedical Informatics by Coursework)

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

Additional Notes

1. Full-time (FT) students will be **pre-allocated** core modules 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 modules 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 (Level1)
2	20-Aug-24	LT35, MD6 (Level1)
3	27-Aug-24	LT35, MD6 (Level1)
4	3-Sep-24	MPH 2, MD6 (level 3)
5	10-Sep-24	LT35, MD6 (Level1)
6	17-Sep-24	LT35, MD6 (Level1)
7	1-Oct-24	MPH 2, MD6 (level 3)

Weeks	Dates*	Venue*
8	8-Oct-24	MPH 2, MD6 (level 3)
9	15-Oct-24	MPH 2, MD6 (level 3)
10	22-Oct-24	MPH 2, MD6 (level 3)
11	29-Oct-24	LT35, MD6 (Level1)
12	5-Nov-24	LT35, MD6 (Level1)
13	12-Nov-24	MPH 2, MD6 (level 3)

subject to updates

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*	Venue*
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	

Course   **: BMI5306 – Software Development Fundamentals**

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	

*subject to updates

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 (Level1)
2	22-Aug-24	LT35, MD6 (Level1)
3	29-Aug-24	LT35, MD6 (Level1)
4	5-Sep-24	LT35, MD6 (Level1)
5	12-Sep-24	LT35, MD6 (Level1)
6	19-Sep-24	LT35, MD6 (Level1)
7	3-Oct-24	LT35, MD6 (Level1)

Weeks	Dates*	Venue*
8	10-Oct-24	LT35, MD6 (Level1)
9	17-Oct-24	LT35, MD6 (Level1)
10	24-Oct-24	LT35, MD6 (Level1)
11	7-Nov-24	LT35, MD6 (Level1)
12	14-Nov-24	LT35, MD6 (Level1)
13	21-Nov-24	LT35, MD6 (Level1)

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

Elective 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 (Level1)
2	19-Aug-24	LT35, MD6 (Level1)
3	26-Aug-24	LT35, MD6 (Level1)
4	2-Sep-24	LT35, MD6 (Level1)
5	9-Sep-24	LT35, MD6 (Level1)
6	16-Sep-24	LT35, MD6 (Level1)
7	30-Sep-24	MPH 2, MD6 (level 3)

Weeks	Dates*	Venue*
8	7-Oct-24	MPH 2, MD6 (level 3)
9	14-Oct-24	LT35, MD6 (Level1)
10	21-Oct-24	MPH 2, MD6 (level 3)
11	28-Oct-24	MPH 2, MD6 (level 3)
12	4-Nov-24	MPH 2, MD6 (level 3)
13	11-Nov-24	MPH 2, MD6 (level 3)

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	T07-04, NUHS Tower Block
4	6-Sep-24	T07-04, NUHS Tower Block
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*	Venue*
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	T07-04, NUHS Tower Block
12	15-Nov-24	T07-03, NUHS Tower Block
13	22-Nov-24	T07-03, NUHS Tower Block

*subject to updates

Updated as of 24 July 2024

Course : **SPH5003 – Health Behaviour and Communication**

Lecture : 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*	Venue*
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	

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*	Venue*
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	

*subject to updates

Updated as of 24 July 2024

Course : **SPH5416 – Introduction to Integrated Care**

Lecture : 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*	Venue*
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*	Venue*
8	9-Oct-24	09-03, 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	

*subject to updates

Updated as of 24 July 2024

Course : DL5102 – Digital Agility & Change Leadership

Lecture : 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.
7	5-Oct-24	
9	18-Oct-24	
9	19-Oct-24	
10	25-Oct-24	
10	26-Oct-24	
12	8-Nov-24	
12	9-Nov-24	