CDP in Bachelor of Science (Nursing) (Honours) & Master of Science in Biomedical Informatics
Curriculum Structure effective for Cohort AY2026/2027 onwards

Year	Semester	Courses	Units
1	1 (16 Units)	NUR1113A Healthy Ageing and Well-being	4
		NUR1114A Fundamentals of Care	4
		NUR1123 Anatomy, Physiology and Physical Assessment I	4
		SPH1901 Social and Behavioural Determinants of Health	4
	Dec: 2 Units	NUR1107B Clinical Practice: Community Care I	2
	2 (22 Units)	MD1902 Professional Practice 1: The Foundations of Health Professionalism	4
		PL1101E Introduction to Psychology	4
		NUR1125 Pathophysiology, Pharmacology and Nursing Practice I	6
		NUR1124 Anatomy, Physiology and Physical Assessment II	4
		MD1904 Data Literacy for healthcare	4
	May/June: 4 Units	NUR1108C Clinical Practice: Medical/Surgical I	4
2	1 (21 Units)	NUR2113 Mental Health Nursing	4
		NUR2204C Women and Children Health	4
		MD1903 Professional Practice 2: Basic Skills in Health Professionalism	4
		NUR3117A Public and Community Health	3
		NUR3119 Palliative and End-of-Life Care	2
		NUR3202C Research and Evidence-based Healthcare	4
	Dec/May/Jun: 9 Units	NUR2106B Clinical Practice: Medical/Surgical *(year-long)*	3
		NUR2107B Clinical Practice: Specialty Care *(year-long)*	6
	2 (16 Units)	MIC2000A Infection and Immunity	4
		BMI1101 Digital Literacy for Healthcare	4
		NUR2125 Pathophysiology, Pharmacology and Nursing Practice II	6
		NUR2124 Healthy Community Living	2
	Dec	NUR2106B Clinical Practice: Medical/Surgical *(year-long)*	
3	1 (21 Units)	NUR3114 Leadership and Management	3
		NUR4101C Evidence-based Health Care Practice	4
		NUR4103C Applied Research Methods	4
		NUR4105 Systematic Review	4
		NUR3120 Pathophysiology, Pharmacology and Nursing Practice III	6
	Dec: 7 Units 2 (18 Units)	NUR3105C Clinical Practice: Community Care II *(year-long)*	2
		NUR3106B Clinical Practice: Medical/Surgical III *(year-long)*	5
		NUR3116C Transition to Professional Practice Experience *(including 1 week of simulation on campus)*	11
4	1 (16 Units)	BMI5101 Advanced Biomedical Informatics	4
		BMI5207 Medical Data and Data Processing	4
		IT5001 Software Development Fundamentals	4
		BMI5306 Advanced Agile Project Management	4
		NUR4104C or NUR4108 *(year-long)* + (BMI5111 Capstone Project)	
	Dec		
	2 (16 Units)	NUR4104C or NUR4108 *(year-long)* + (BMI5111 Capstone Project)	8
		NUR 4102C Consolidated Clinical Practice	8
5	1 (20 Units)	**5 Electives MSC BMI**	20

(Accurate as of 13 Jan 2026)

MSc in BMI Coursework Core Courses

S/N	Course Title	Course Code
1	Advanced Biomedical Informatics	BMI5101
2	Medical Data and Data Processing	BMI5207
3	Advanced Agile Project Management	BMI5306
4	Capstone Project	BMI5111
5	Software Development Fundamentals	IT5001

MSc in BMI Coursework Elective Courses (Specialisation in Analytics) ** Select any 5 or

S/N	Course Title	Course Code
1	Health Sciences for Non-Clinicians	BMI5102
2	Advanced Scientific Research Methods	BMI5109
3	Molecular Informatics	BMI5110
4	Advanced Human Factors Engineering	BMI5206
5	Data Structures and Algorithms	IT5003
6	Artificial Intelligence	IT5005
7	Fundamentals of Data Analytics	IT5006
8	Advance Statistical Methods for Bioinformatics	MDG5241
9	Qualitative Methods in Public Health	SPH5409

MSc in BMI Coursework Elective Courses (Specialisation in Hospital Management) ** Select any 5

S/N	Course Title	Course Code
1	Health Sciences for Non-Clinicians	BMI5102
2	Clinical Decision Support Systems	BMI5106
3	Advanced Evidence Based Patient Care	BMI5107
4	Advanced Value Based Healthcare	BMI5108
5	Advanced Scientific Research Methods	BMI5109
6	Advanced Clinical Data Systems	BMI5201
7	Digital Agility & Change Leadership	DL5102
8	Strategic Thinking & Digital Foresight	DL5201
9	The Ethics of Biotechnology and Innovation	MDG5248
10	Artificial Intelligence	IT5005
11	Fundamentals of Data Analytics	IT5006
12	Ethics of Health Data and Atificial Intelligence	MDG5248
13	Health Behaviour and Communication	SPH5003
14	Implementing Public Health Programmes and Policies	SPH5007
15	Health Economics and Financing	SPH5401
16	Economic Methods in Health Technology Assessment	SPH5412
17	Introduction to Integrated Care	SPH5416

(Accurate as of 13 Jan 2026)