

## COURSE STRUCTURE AND DELIVERY SCHEDULE ACADEMIC YEAR – 2020

### NMIT: Master of Applied Information Technology

The following is a course structure and suggested unit progression for the Master of Applied Information Technology. The unit selection must follow the stated prerequisites. Students are advised to plan their course and choose their electives carefully. Please note that not all units are offered in every semester.

Students must consult the timetable when determining semester enrolment options and seek Academic advice. To attain the Master of Applied Information Technology students will be required to complete 192 credit points consisting of 120 credit points of Core units AND either

**Option 1:** 24 credit point of Research Project (NEF6001 and NEF6002) and 48 credit points of Elective Studies or

**Option 2:** 48 credit point of Research Thesis (NEF6101 and NEF6102) and 24 credit points of Elective Studies

Credits		Unit Code	Unit Title	Pre-requisite/s
<b>Year 1 Tri1</b>				
12	Core	EPM5600	Principles of Project Management	NIL
12	Core	NIT5081	Fundamentals of Cyber Security	NIL
12	Core	NIT5110	Networking Systems	NIL
12	Core	NIT5130	Database Analysis and Design	NIL
<b>Year 1 Tri2</b>				
12	Core	NIT5150	Advanced Object-Oriented Programming	NIL
12	Core	NIT5082	Cloud Security	NIL
12	Core	NIT6130	Introduction to Research	NIL
12	Core	EPM5700	Project management and IT	NIL
<b>Year 2 Tri1</b>				
12	Core	NIT5083	Enterprise Security Management	NIL
12	Core	NIT6150	Advanced Project	(NIT5110 or NIT5130 or NIT5150) and (EPM5600 or EPM5700)

Option 1: 24 credit points of Research Project studies and 48 credit points of Elective Studies				
12	Core	NEF6001	Research Project Part A	Minimum 60 CPs
12	Elective	Select from Elective Units Table		
1				
Option 2: 48 credit points of Research Thesis studies and 24 credit points of Elective Studies				
24	Core	NEF6101	Research Thesis 1	Minimum 60 CPs
Year 2 Tri2				
Option 1: 24 credit points of Research Project studies and 48 credit points of Elective Studies				
12	Core	NEF6002	Research Project Part B	NEF6001
12	Elective	Select from Elective Units Table		
2				
12	Elective	Select from Elective Units Table		
3				
12	Elective	Select from Elective Units Table		
4				
Option 2: 48 credit points of Research Thesis studies and 24 credit points of Elective Studies				
24	Core	NEF6102	Research Thesis 2	NEF6101
12	Elective	Select from Elective Units Table		
1				
12	Elective	Select from Elective Units Table		
2				

Elective Units Table				
Credits		Unit Code	Unit Title	Pre-requisite/s
12	Elective	EPM5500	Fundamentals of Project Management	NIL
12	Elective	EPM5610	Project Planning and Control	NIL
12	Elective	EPM5730	Project Stakeholder Management	NIL
12	Elective	EPM5740	Project Risk Management	NIL
12	Elective	NIT5084	Cyber Security Law, Regulation and Policy	NIL
12	Elective	NIT6120	Mobile Applications	NIL
12	Elective	NIT6160	Data Warehousing and Mining	NIT5130
12	Elective	NNT6542	Mobile Network Design	NIL

**Note 1:** Please be informed that we are offering all units except EPM5740- Project Risk Management.

**Note 1:** Students who have chosen option 1 or 2, they have to continue in the same option in the next Trimester. For instance, if you passed NEF6001 in Tri1 20XX, so you have to enrol in NEF6002 in Tri2 20XX.

**Note 2:** NEF6101 and NEF6102 are equivalent to two 12 CPs units in terms of the tuition fee and study load.