

## Pre-requisite Module List for **2023/2024** intake and onward

Module Code and Title		Pre-requisite(s)	
<b>Year 1</b>			
COMP1124	Advanced Programming	COMP1122	Introduction to Programming
MENG1112	English II	MENG1111	English I
<b>Year 2</b>			
COMP2112	Data Structures and Algorithms	MATH1113	Discrete Mathematics
MENG2111	English III	MENG1112	English II
MENG2112	English IV	MENG2111	English III
<b>Year 3</b>			
COMP3114	Information System Project	COMP1122 COMP2111	Introduction to Programming Database Design
COMP3117	Analytical Data Design and Applications	COMP2111	Database Design
COMP3121	Gaming Systems and Technical Standards	COMP3119	Principles of Gaming Technology
COMP3122	Advanced Web Development	COMP1122 COMP2115	Introduction to Programming Web design and Development
MENG3111	Science Communications	MENG2112	English IV
<b>Year 4</b>			
COMP4111	Computer Security	MATH1113	Discrete Mathematics
COMP4112	Enterprise System and Application Development	COMP1124	Advanced Programming
COMP4118	IP Routing	COMP2117	Computer Networks
COMP4119	Mobile Computing & Wireless Networks	COMP2117	Computer Networks
COMP4120	Natural Language Processing	MATH2111	Statistics
COMP4124	Database Management Systems	COMP2111	Database Design
COMP4127	Internship	COMP2114	Ethics and Professional Issues in Computing
COMP4299	Final Year Project	COMP2116 COMP3114	Software Engineering Information System Project

For modules with pre-requisites, students must pass the pre-requisites first before taking them.

## Pre-requisite Module List for **2016/2017** intake to **2022/2023** intake

Module Code and Title		Pre-requisite(s)	
<b>Year 1</b>			
COMP121	Computer Architecture	MATH111	Essential Computer Mathematics
COMP122	Data Structures and Algorithms	COMP112	Programming I
MATH121	Discrete Mathematics	MATH111	Essential Computer Mathematics
MENG121	English II	MENG111	English I
<b>Year 2</b>			
MATH211	Statistics I	MATH111	Essential Computer Mathematics
MENG211	English III	MENG121	English II
COMP224	Database Management Systems	COMP211	Database Design
MENG221	English IV	MENG211	English III
<b>Year 3</b>			
COMP312	Internet Programming II	COMP113	Web Technologies
MENG311	English V	MENG221	English IV
COMP321	Information System Implementation	COMP112	Programming I
		COMP211	Database Design
COMP323	Data Warehousing and Data Mining	COMP211	Database Design
COMP324	Gaming Technology I	COMP316	Introduction to Gaming Technology
MATH321	Statistics II	MATH211	Statistics I
MATH322	Mathematics for Gaming Technology	MATH211	Statistics I
MENG321	English VI	MENG311	English V
<b>Year 4</b>			
COMP413	Enterprise System and Application Development	COMP221	Object-oriented Technologies
COMP414	Gaming Technology II	COMP316	Introduction to Gaming Technology
COMP424	Computer Game Design and Development	COMP311	Multimedia Application Development
COMP490	Final Year Project	COMP223	Software Engineering
		COMP321	Information System Implementation
COMP403	Database Administration & Programming	COMP211	Database Design
COMP404	IP Routing	COMP214	Computer Networks
COMP405	Mobile Computing & Wireless Networks	COMP123	Data Communications

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