YEAR 1		YEAR 2		YEAR 3	
SEMESTER 1	SEMESTER 2	SEMESTER 3	SEMESTER 4	SEMESTER 5	SEMESTER 6
ISCG5400 HARDWARE FUNDAMENTALS	ISCG5423 INTRODUCTION TO DATABASES				
ISCG5401 OPERATING SYSTEM FUNDAMENTALS	ISCG5403 NETWORKING FUNDAMENTALS				
ISCG5420 PROGRAMMING FUNDAMENTALS	ELECTIVES				
ISCG5430 PROFESSIONAL SKILLS FOR IT PRACTITIONERS	ISCG5421 PROGRAMMING PRINCIPLES AND PRACTICE				
	ISCG5424 INFORMATION SYSTEMS CONCEPTS				
					ISCG5430 IT INDUSTRY PROJECT

COMPUTER NETWORKS PATHWAY (INCLUDING CLOUD COMPUTING)

Computer networks connect the computing world and 25% of jobs in the computing field are in this area. Cloud computing is a new and growing area. Choose this pathway and you'll learn about the latest technologies through practical work in class. You can also gain industry recognised Microsoft and Cisco certifications, including certification in Cloud Computing.

CYBER SECURITY PATHWAY

Every person who accesses a computer or a smartphone screen could be a cyber-threat. Both the private and public sectors need people with cyber security skills and there is a big demand for qualified graduates. This pathway gives you the knowledge to protect computers, networks and data from these threats.

SOFTWARE ENGINEERING PATHWAY

Software engineering regularly rates as one of the top jobs in the world. Choose this pathway and you'll learn how to design and develop software solutions and products. You'll be taught by industry practitioners and experienced academics, with work experience opportunities in the software industry.

GAMES DEVELOPMENT PATHWAY

Game development and interactive media is a multidisciplinary field that is growing fast. It combines design, software development and story telling. Choose this pathway and you'll be encouraged to work with staff and students in creative programmes like design and performing and screen arts. You'll also work with industry to help develop real games while you're studying.

BUSINESS INTELLIGENCE PATHWAY

The amount of data being collected by organisations has reached unprecedented levels. But data without analysis is just a storage problem. Business intelligence combines business, data warehousing, data mining and software development to provide smarter solutions for using the information. Choose this pathway and you'll learn how to create data warehouse solutions that fit business strategies, and how to develop effective data models and management reports to help business decision-making.

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