



Faculty of Computer Science

Programmes Modules

MODULE CODE	MODULE TITLE
Computing	
CS100x	Introduction to Information Technology
CS101x	Fundamentals of Computing I
CS102x	Fundamentals of Computing II
CS203	Computer Organization
CS205	Principles of Information Systems
CS213	Algorithms and Data Structures
CS214	Systems Analysis and Design
CS215	Fundamentals of Database Systems
CS216	Computer Networks
CS217	Professional Computing Ethics
CS232	Multimedia Programming
CS283	Web Programming I
CS301	Industrial Training
CS313	Data Storage and Retrieval
CS314	Object-Oriented Software Engineering
CS316	Artificial intelligence
CS334	Programming Concepts and Compiler Design
CS351	Operating Systems Concepts
CS353	Systems Programming
CS361	Signal Processing
CS362	Knowledge Representation & Reasoning
CS364	Cloud Computing
CS372	Information Integration and Data Warehousing
CS373	Geographical Information Systems
CS384	Advanced Web Programming
CS391	Modelling and Simulation
CS393	Operations Research
CS401	Computer Security
CS405x	Graduation Project I
CS406	Graduation Project II
CS477	Machine Learning
CS472	Advanced Database Systems
CS475	Data Mining
CS466	Decision Support and Intelligent systems
CS484	Human Computer Interaction
CS485	Pattern Recognition
CS423	Parallel and distributed systems
CS488	Robotic Interfacing
Computer Science Pathway (CSP)	
CS326	Mobile Computing
CS381	Computer Graphics
CS352	Advanced Operating Systems
CS403	Advanced Algorithms
CS486	Image Processing
CS427	Advanced Graphics and Visualisation

CS411	Theory of Computing
Internet Computing Pathway (ICP)	
CS382	Web Content Management System
CS384	Advanced Web Programming
CS385	Web Engineering
CS425	Service-Oriented Computing
CS465	Software Project Management
CS476	Web Database Application
CS489	Semantic Web Programming
Software Engineering Pathway (SEP)	
CS344	Component-Based Computing
CS347	Software Requirements and Specifications
CS384	Advanced Web Programming
CS425	Service-Oriented Computing
CS442	Software Construction Quality
CS458	Software Implementation
CS465	Software Project Management
Humanities/Social Sciences	
HS Elect I	H/S Elective 1
HS Elect II	H/S Elective 2
MGT200	Introductory Management
Mathematics	
MTH100	Calculus
MTH103	Discrete Mathematics
MTH106	Linear Algebra
MTH204	Probability and Statistics
Physics	
PHY103x	Fundamentals of Electronics
Elective Modules In Humanities and Social Sciences	
FAC101	Essentials of Accounting I
ECO101	Introduction to Economics I
ECO102	Introduction to Economics II
BUS102	Business and Society
MKT201	Marketing I