

UNIT OFFERINGS YEAR 2021- Bachelor of Computer Science (C2001)

School of Information Technology Malaysia Campus

List is Subject to Change

Last Updated: 17 June 2021

Semester 1 (February Semester)			
Unit Set	Unit Code	Unit Title	Lecturer
Core	FIT1008	Introduction to computer science	Dr Muhammad Fermi Fasha
	FIT1045	Algorithms and programming fundamentals in python	Dr Ganesh
	FIT1047	Introduction to computer systems, networks and security	Dr Tan Chee Keong
	FIT1055	IT professional practice and ethics	Dr Nik Nailah Abdullah
	FIT2004	Algorithms and data structures	Dr Lim Wern Han
	FIT2099	Object oriented design and implementation	Dr Sarfraz Nawaz Brohi
	FIT3155	Advanced data structures and algorithms	A/Prof Anuja Dharmaratne
	FIT3161	Computer science project 1	A/Prof Ting Chee Ming Ms Kamalashunee
	FIT3162	Computer science project 2	A/Prof Ting Chee Ming
	FIT3171	Databases	Dr Jin Zhe
	MAT1830	Discrete mathematics for computer science	Mr Tham Weng kee
	MAT1841	Continuous mathematics for computer science	Ms Wong Foong Wei
Elective	FIT1043	Introduction to data science	Dr Ian Tan
	FIT1051	Programming fundamentals in java	Dr Lim Mei Kuan
	FIT2081	Mobile application development	Dr Lim Chern Hong
	FIT2093	Introduction to cyber security	Prof Raphael Phan
	FIT3077	Software engineering: Architecture and design**	Dr Chong Chun Yong
	FIT3081	Image processing	A/Prof Anuja Dharmaratne
	FIT3134	Entrepreneurship	Ms Goh Kim Nee
	FIT3152	Data analytics	Dr Ganesh
	FIT3159	Computer architecture	Dr Jasbir Kaur Mr Tham Weng Kee
FIT3182	Big data management and processing	Dr Vishnu	
Industrial Training	FIT3045	Industry-based learning	Dr Ian Tan
	FIT3199	Industry work experience	Dr Lim Mei Kuan

UNIT OFFERINGS YEAR 2021- Bachelor of Computer Science (C2001)

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Last Updated: 17 June 2021

Semester 2 (July Semester)

Unit Set	Unit Code	Unit Title	Lecturer
Core	FIT1008	Introduction to computer science	Dr Muhammad Fermi Fasha
	FIT1045	Algorithms and programming fundamentals in python	Dr Ganesh
	FIT1047	Introduction to computer systems, networks and security	Dr Tan Chee Keong
	FIT1055	IT professional practice and ethics	Dr Nik Nailah Abdullah
	FIT2004	Algorithms and data structures	Dr Lim Wern Han
	FIT2099	Object oriented design and implementation	Dr Sarfraz Nawaz Brohi
	FIT2014	Theory of computation	A/P Wong Kok Sheik
	FIT2102	Programming paradigms	Dr Ong Huey Fang
	FIT3143	Parallel computing	Dr Vishnu
	FIT3155	Advanced data structures and algorithms	A/Prof Anuja Dharmaratne
	FIT3161	Computer science project 1	A/Prof Ting Chee Ming
	FIT3162	Computer science project 2	A/Prof Ting Chee Ming
	FIT3171	Databases	Dr Jin Zhe
	MAT1830	Discrete mathematics for computer science	Mr Tham Weng kee
	MAT1841	Continuous mathematics for computer science	Ms Wong Foong Wei
Elective	FIT1043	Introduction to data science	Dr Ian Tan
	FIT1051	Programming fundamentals in java	Dr Lim Mei Kuan
	FIT2086	Modelling for data analysis	Dr Prabha Rajagopal
	FIT2100	Operating systems	Dr Wee Mee Chin
	FIT2101	Software engineering process and management	Ms Kamalashunee
	FIT2107	Software quality and testing	Dr Lillian Wang
	FIT3003	Business intelligence and data warehousing	Dr Soon Lay Ki
	FIT3080	Intelligent systems	A/Prof Ting Chee Ming
	FIT3175	Usability	Dr Ting Fung Fung
	FIT3179	Data visualisation	Dr Vishnu
	FIT3183	Malicious AI and dark side security	Prof Raphael Phan
Industrial Training	FIT3045	Industry-based learning	Dr Ian Tan
	FIT3199	Industry work experience	Dr Lim Mei Kuan

October semester (only for new October intake students)

Unit Set	Unit Code	Unit Title	Lecturer
Core	FIT1045	Introduction to algorithms and programming	Dr Ting Fung Fung
	FIT1047	Introduction to computer systems, networks and security	Mr Tham Weng kee
	MAT1830	Discrete mathematics for computer science	Mr Tham Weng kee
Elective	FIT1051	Programming fundamentals in java	Moganavatsala Jeevanantham