

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

<b>School of Information Technology Malaysia Campus</b>			
List is Subject to Change		Last Updated: 17 June 2021	
<b>Semester 1 (February Semester)</b>			
<b>Unit Set</b>	<b>Unit Code</b>	<b>Unit Title</b>	<b>Lecturer</b>
Core	<a href="#">FIT1008</a>	Introduction to computer science	<a href="#">Dr Muhammad Fermi Fasha</a>
	<a href="#">FIT1043</a>	Introduction to data science	<a href="#">Dr Ian Tan</a>
	<a href="#">FIT1045</a>	Algorithms and programming fundamentals in python	<a href="#">Dr Ganesh</a>
	<a href="#">FIT1047</a>	Introduction to computer systems, networks and security	<a href="#">Dr Tan Chee Keong</a>
	<a href="#">FIT1055</a>	IT professional practice and ethics	<a href="#">Dr Nik Nailah Abdullah</a>
	<a href="#">FIT2004</a>	Algorithms and data structures	<a href="#">Dr Lim Wern Han</a>
	<a href="#">FIT2094</a>	Databases	<a href="#">Dr Jin Zhe</a>
	<a href="#">MAT1830</a>	Discrete mathematics for computer science	Mr Tham Weng kee
<a href="#">MAT1841</a>	Continuous mathematics for computer science	Ms Wong Foong Wei	
Elective	<a href="#">FIT1051</a>	Programming fundamentals in java	<a href="#">Dr Lim Mei Kuan</a>
	<a href="#">FIT2081</a>	Mobile application development	<a href="#">Dr Lim Chern Hong</a>
	<a href="#">FIT2093</a>	Introduction to cyber security	<a href="#">Prof Raphael Phan</a>
	<a href="#">FIT2099</a>	Object oriented design and implementation	<a href="#">Dr Sarfraz Nawaz Brohi</a>
	<a href="#">FIT3077</a>	Software engineering: Architecture and design	<a href="#">Dr Chong Chun Yong</a>
	<a href="#">FIT3081</a>	Image processing	<a href="#">A/Prof Anuja Dharmaratne</a>
	<a href="#">FIT3134</a>	Entrepreneurship	Ms Goh Kim Nee
	<a href="#">FIT3152</a>	Data analytics	<a href="#">Dr Ganesh</a>
	<a href="#">FIT3155</a>	Advanced data structures and algorithms	<a href="#">A/Prof Anuja Dharmaratne</a>
	<a href="#">FIT3159</a>	Computer architecture	<a href="#">Dr Jasbir Kaur</a> Mr Tham Weng Kee
	<a href="#">FIT3163</a>	Data science project 1	<a href="#">A/Prof Ting Chee Ming</a> Ms Kamalashunee
	<a href="#">FIT3164</a>	Data science project 2	<a href="#">A/Prof Ting Chee Ming</a>
<a href="#">FIT3182</a>	Big data management and processing	<a href="#">Dr Vishnu</a>	
Industrial Training	<a href="#">FIT3045</a>	Industry-based learning	<a href="#">Dr Ian Tan</a>
	<a href="#">FIT3199</a>	Industry work experience	<a href="#">Dr Lim Mei Kuan</a>

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

School of Information Technology Malaysia Campus			
List is Subject to Change		Last Updated: 17 June 2021	
Semester 2 (July Semester)			
Unit Set	Unit Code	Unit Title	Lecturer
Core	<a href="#">FIT1008</a>	Introduction to computer science	<a href="#">Dr Muhammad Fermi Fasha</a>
	<a href="#">FIT1043</a>	Introduction to data science	<a href="#">Dr Ian Tan</a>
	<a href="#">FIT1045</a>	Algorithms and programming fundamentals in python	<a href="#">Dr Ganesh</a>
	<a href="#">FIT1047</a>	Introduction to computer systems, networks and security	<a href="#">Dr Tan Chee Keong</a>
	<a href="#">FIT1055</a>	IT professional practice and ethics	<a href="#">Dr Nik Nailah Abdullah</a>
	<a href="#">FIT2004</a>	Algorithms and data structures	<a href="#">Dr Lim Wern Han</a>
	<a href="#">FIT2014</a>	Theory of computation	<a href="#">A/P Wong Kok Sheik</a>
	<a href="#">FIT2086</a>	Modelling for data analysis	<a href="#">Dr Prabha Rajagopal</a>
	<a href="#">FIT2094</a>	Databases	<a href="#">Dr Jin Zhe</a>
	<a href="#">FIT3179</a>	Data visualisation	<a href="#">Dr Vishnu</a>
	<a href="#">MAT1830</a>	Discrete mathematics for computer science	Mr Tham Weng kee
	<a href="#">MAT1841</a>	Continuous mathematics for computer science	Ms Wong Foong Wei
Elective	<a href="#">FIT1051</a>	Programming fundamentals in java	<a href="#">Dr Lim Mei Kuan</a>
	<a href="#">FIT2099</a>	Object oriented design and implementation	<a href="#">Dr Sarfraz Nawaz Brohi</a>
	<a href="#">FIT2100</a>	Operating systems	<a href="#">Dr Wee Mee Chin</a>
	<a href="#">FIT2101</a>	Software engineering process and management	Ms Kamalashunee
	<a href="#">FIT2102</a>	Programming paradigms	<a href="#">Dr Ong Huey Fang</a>
	<a href="#">FIT2107</a>	Software quality and testing	<a href="#">Dr Lillian Wang</a>
	<a href="#">FIT3003</a>	Business intelligence and data warehousing	<a href="#">Dr Soon Lay Ki</a>
	<a href="#">FIT3080</a>	Intelligent systems	<a href="#">A/Prof Ting Chee Ming</a>
	<a href="#">FIT3143</a>	Parallel computing	<a href="#">Dr Vishnu</a>
	<a href="#">FIT3155</a>	Advanced data structures and algorithms	<a href="#">A/Prof Anuja Dharmaratne</a>
	<a href="#">FIT3163</a>	Data science project 1	<a href="#">A/Prof Ting Chee Ming</a>
	<a href="#">FIT3164</a>	Data science project 2	<a href="#">A/Prof Ting Chee Ming</a>
	<a href="#">FIT3175</a>	Usability	<a href="#">Dr Ting Fung Fung</a>
	<a href="#">FIT3181</a>	Deep learning	<a href="#">Dr Lim Chern Hong</a>
<a href="#">FIT3183</a>	Malicious AI and dark side security	<a href="#">Prof Raphael Phan</a>	
Industrial Training	<a href="#">FIT3045</a>	Industry-based learning	<a href="#">Dr Ian Tan</a>
	<a href="#">FIT3199</a>	Industry work experience	<a href="#">Dr Lim Mei Kuan</a>

October semester (only for new October intake students)			
Unit Set	Unit Code	Unit Title	Lecturer
Core	<a href="#">FIT1045</a>	Introduction to algorithms and programming	<a href="#">Dr Ting Fung Fung</a>
	<a href="#">FIT1047</a>	Introduction to computer systems, networks and security	Mr Tham Weng kee
	<a href="#">MAT1830</a>	Discrete mathematics for computer science	Mr Tham Weng kee
Elective	<a href="#">FIT1051</a>	Programming fundamentals in java	<a href="#">Moganavatsala Jeevanantham</a>