

**UNIT OFFERINGS YEAR 2022**  
**Bachelor of Computer Science (C2001)**

<b>School of Information Technology Malaysia Campus</b>		
<small>List is Subject to Change</small>		
<b>Semester 1 (February Semester)</b>		
<b>Unit Set</b>	<b>Unit Code</b>	<b>Unit Title</b>
Core	<a href="#">FIT1008</a>	Introduction to computer science
	<a href="#">FIT1045</a>	Algorithms and programming fundamentals in python
	<a href="#">FIT1047</a>	Introduction to computer systems, networks and security
	<a href="#">FIT1055</a>	IT professional practice and ethics
	<a href="#">FIT2004</a>	Algorithms and data structures
	<a href="#">FIT2099</a>	Object oriented design and implementation
	<a href="#">FIT3155</a>	Advanced data structures and algorithms
	<a href="#">FIT3161</a>	Computer science project 1
	<a href="#">FIT3162</a>	Computer science project 2
	<a href="#">FIT3171</a>	Databases
Elective	<a href="#">FIT1043</a>	Introduction to data science
	<a href="#">FIT1051</a>	Programming fundamentals in java
	<a href="#">FIT2081</a>	Mobile application development
	<a href="#">FIT2093</a>	Introduction to cyber security
	<a href="#">FIT3077</a>	Software engineering: Architecture and design**
	<a href="#">FIT3081</a>	Image processing
	<a href="#">FIT3134</a>	Entrepreneurship
	<a href="#">FIT3152</a>	Data analytics
	<a href="#">FIT3159</a>	Computer architecture
	<a href="#">FIT3182</a>	Big data management and processing
Industrial Training	<a href="#">FIT3045</a>	Industry-based learning
	<a href="#">FIT3199</a>	Industry work experience

<b>Semester 2 (July Semester)</b>		
<b>Unit Set</b>	<b>Unit Code</b>	<b>Unit Title</b>
Core	<a href="#">FIT1008</a>	Introduction to computer science
	<a href="#">FIT1045</a>	Algorithms and programming fundamentals in python
	<a href="#">FIT1047</a>	Introduction to computer systems, networks and security
	<a href="#">FIT1055</a>	IT professional practice and ethics
	<a href="#">FIT2004</a>	Algorithms and data structures
	<a href="#">FIT2099</a>	Object oriented design and implementation
	<a href="#">FIT2014</a>	Theory of computation
	<a href="#">FIT2102</a>	Programming paradigms
	<a href="#">FIT3143</a>	Parallel computing
	<a href="#">FIT3155</a>	Advanced data structures and algorithms
	<a href="#">FIT3161</a>	Computer science project 1
	<a href="#">FIT3162</a>	Computer science project 2
	<a href="#">FIT3171</a>	Databases
	<a href="#">MAT1830</a>	Discrete mathematics for computer science
<a href="#">MAT1841</a>	Continuous mathematics for computer science	
Elective	<a href="#">FIT1043</a>	Introduction to data science
	<a href="#">FIT1051</a>	Programming fundamentals in java
	<a href="#">FIT2086</a>	Modelling for data analysis
	<a href="#">FIT2100</a>	Operating systems
	<a href="#">FIT2101</a>	Software engineering process and management
	<a href="#">FIT2107</a>	Software quality and testing
	<a href="#">FIT3003</a>	Business intelligence and data warehousing
	<a href="#">FIT3080</a>	Artificial intelligence
	<a href="#">FIT3175</a>	Usability
	<a href="#">FIT3179</a>	Data visualisation
	<a href="#">FIT3183</a>	Malicious AI and dark side security
<a href="#">FIT3181</a>	Deep learning	
Industrial Training	<a href="#">FIT3045</a>	Industry-based learning
	<a href="#">FIT3199</a>	Industry work experience

<b>October semester (only for NEW October intake students)</b>		
<b>Unit Set</b>	<b>Unit Code</b>	<b>Unit Title</b>
Core	<a href="#">FIT1045</a>	Introduction to algorithms and programming
	<a href="#">FIT1047</a>	Introduction to computer systems, networks and security
	<a href="#">MAT1830</a>	Discrete mathematics for computer science
Elective	<a href="#">FIT1051</a>	Programming fundamentals in java