

## B2048 Unit Schedule

2023 Intake Onwards	<b>Unit Schedule - Bachelor of Business and Commerce and Bachelor of Computer Science (BBusComSci) Monash University Malaysia Campus (Course Code: B2048)</b>
	This document is a list of units offered in Malaysia campus only and subject to changes; please refer to the Monash University Handbook for the latest version of full details and prohibitions. Version date: 20/2/2024

### The information below is a guide to your study progression

Students are to complete 32 units and 1 summer internship unit (192 credit points) in total and must not exceed 33 units.

16 units (96 credit points) from Business and Commerce component - Part A and Part B

16 units and 1 summer internship unit (96 credit points) from Computer Science component - Part A, B, C, D and E

Refer to the B2026 unit schedule and the handbook for the Business and Commerce component. Refer to link: <https://www.monash.edu.my/business/current/undergraduate-students/unit-schedules>

In addition to specific unit prerequisites, third-year level units require the successful completion of two (2) second-year level units and second-year level units require the successful completion of three (3) first-year level units.

The course duration for full-time study is 4 years. You have a maximum of 10 years to complete this course, including any periods of intermission and suspension. You must be continuously enrolled throughout.

Please read the Monash online handbook to understand the units before you enrol. The link to Monash University Handbook is: <https://handbook.monash.edu/>

Please always use the course map guide in website to plan your units. Refer to link: <https://www.monash.edu.my/business/current/undergraduate-students/course-map-planning-guide>

Please refer to the handbook course maps. Refer to link: <https://www.monash.edu/business/current-students/course-advice-and-planning/helpful-links/course-maps>

Please note that it is your responsibility, as the student, to ensure compliance with the unit requirements and that the School can accept no responsibility for any of your errors or omissions.

If you have any questions or concerns, please contact us at Monash Malaysia Connect. <https://www.monash.edu.my/student-services/connect>

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B2048 - Computer Science - Unit Schedule							
			Semester	Unit Code	Unit Names	Prerequisite Units	
Part A		Compulsory	1 & 2	<a href="#">FIT1008</a>	Introduction to computer science	FIT1045	
			1, 2 & Oct	<a href="#">FIT1045</a>	Introduction to programming	nil	
			1, 2 & Oct	<a href="#">FIT1047</a>	Introduction to computer systems, networks and security	nil	
			1 & 2	<a href="#">FIT2004</a>	Algorithms and data structures	FIT1008 & (MAT1830 or MAT1841)	
			2	<a href="#">FIT2014</a>	Theory of computation	FIT1045 & MAT1830	
			1, 2 & Oct	<a href="#">MAT1830</a>	Discrete mathematics for computer science	refer to handbook	
			1 & 2	<a href="#">MAT1841</a>	Continuous mathematics for computer science	refer to handbook	
Part B		Compulsory	1 & 2	<a href="#">FIT1055</a>	IT professional practice and ethics	You must have complete a minimum of 12 credit points of FIT units.	
Part C & D		Compulsory	1	<a href="#">FIT2094</a>	Databases	FIT1045 [replaces FIT3171]	
			1 & 2	<a href="#">FIT2099</a>	Object oriented design and implementation	FIT1045	
			2	<a href="#">FIT2102</a>	Programming paradigms	FIT1008	
			2	<a href="#">FIT3143</a>	Parallel computing	FIT2004	
			1 & 2	<a href="#">FIT3155</a>	Advanced data structures and algorithms	FIT2004	
			You must complete one unit from the following list				
		2	<a href="#">FIT3080</a>	Artificial intelligence	MAT1830 & MAT1841		
		1	<a href="#">FIT3159</a>	Computer architecture	FIT1008 or FIT1047		
Part E		Compulsory	1	<a href="#">FIT3182</a>	Big data management and processing	FIT2004 & FIT3171	
			1 & 2	<a href="#">FIT3161</a>	Computer science project 1	FIT2004*	
			1 & 2	<a href="#">FIT3162</a>	Computer science project 2	FIT3161*	
			1, 2 & SSA-02	<a href="#">FIT3199</a>	Industry work experience	You must have completed a minimum of 96 credit points including FIT1055*	

\* Additional Notes

FIT3161 & FIT3162

It is a group-based project and must be done in 2 consecutive semesters and completed at Malaysia campus.

This unit cannot be taken during any exchange program.

FIT3199 - Industry work experience

This unit is zero '0' credits and must be completed if you plan to course complete at Malaysia campus. The students will obtain PGO (Pass) or NGO (Fail) grades. No fees incurred.

This unit needs to be undertaken during the summer vacation period (mid-November to February), after completing 72 credit points of Computer Science units and FIT1055/FIT1049 before completing academic studies. Internship duration of at least continuous 12 weeks.

Students on an internship placement will need to participate full-time in a defined, graduate-level role at leading companies. Internship role must be aligned to Computer Science.

All internships must be physical (face-to-face).

Students are not allowed to undertake any other units along with FIT3199.

This unit cannot be taken at any exchange program.