

B1401 - Bachelor of Data Analytics

Academic Chair: [Joo Yeon Park](#)

Start Date: Semester 2 2025

Year 1 – 2024	Semester 1 Units	CP	Semester 2 Units	CP
			BUS123* - Management in a Global Environment	3
			MAS183 - Statistical Data Analysis	3
			Spine (ICT111)	3
			Option	3
	Total		Total	12
Year 2 – 2025	Semester 1 Units	CP	Semester 2 Units	CP
	BUS103 - Business Analytics Fundamentals	3	MAS223 - Applied Statistics	3
	ICT159 - Foundations of Programming	3	ICT167 - Principles of Computer Science	3
	MAS182 - Introductory Calculus with Applications	3	ICT285 - Databases	3
	ICT100 - Transition to IT	3	MAS162 - Foundations of Discrete Mathematics	3
	Total	12	Total	12
Year 3 – 2026	Semester 1 Units	CP	Semester 2 Units	CP
	MAS222 - Probability and Statistical Inference	3	MAS225 - Discrete Mathematics and Management Science	3
	ICT284 - Systems Analysis and Design	3	ICT393 - Advanced Business Analysis and Design	3
	ICT283 - Data Structures and Abstractions	3	Spine (MSP201 or MSP202)	3
	Option	3	Spine (ICT356 or MAS300)	3
	Total	12	Total	12
Year 4 – 2027	Semester 1 Units	CP	Semester 2 Units	CP
	BUS334 - Business Analytics	3		
	ICT394 - Business Intelligence Application Development	3		
	Option	3		
	Option	3		
	Total	12	Total	

TOTAL CREDIT POINTS 72

Semester 2 notes

- For students without WACE Mathematics Methods (or equivalent), you need to choose **MAS164** at an early stage.
- The new BDA structure will commence in Semester 1, 2026, offering majors in Data Science, FinTech, and Business Intelligence. Students who wish to know more about the new structure or transition should contact the Academic Chair.
- First-semester students in the BDA course are strongly recommended to enrol in the following core units:** ICT145, MAS183, MAS164, and ICT111 (spine unit or option).
- * Note that BUS123 will no longer be a core unit in the BI major under the new BDA structure.
- Spine ICT320 or ICT321 is no longer available, and it can be replaced with ICT356 upon the approval of the academic chair.
- Note: MSP201 is not a self-enrolled unit and requires an approved application to grant enrolment. Students are required to organise their real-world learning experience prior to application for enrolment. See more info about the unit, eligibility, and application deadlines in the Handbook:
<https://v3.pebblepad.com.au/spa/#/public/89jzrpZ9j9jctmdcxqHpjrrM>

Please note: This course plan is a sample only and must be read in conjunction with the full course structure, unit prerequisites and enrolment options as outlined in the [Handbook](#). Students should note that due to unit prerequisites, commencing study in Semester 2 may extend the duration of the course. This information is correct as of 05/2025.