

B1420 Bachelor of Data Analytics (Major: Business Intelligence)

Academic Chair: Joo Yeon Park
(jooyeon.park@murdoch.ac.kr)

Start Date: Semester 1, 2026

Year 1 – 2026	Semester 1 Units	CP	Semester 2 Units	CP
	ICT145 Python Programming for Everyone	3	MAS223 - Applied Statistics	3
	MAS164 Fundamentals of Mathematics	3	ICT285 - Databases	3
	MAS183 Statistical Data Analysis	3	Discovery Study	3
	BUS103 - Business Analytics Fundamentals	3	General Elective	3
	Winter Units	CP	Summer Units	CP
	Total	12	Total	12
Year 2 - 2027	Semester 1 Units	CP	Semester 2 Units	CP
	ICT284 – Systems Analysis and Design	3	ICT305 – Data Visualisation and Simulation	3
	BSC203 – Introduction to ICT Research Methods	3	Specified Elective	3
	ICT220 -Big Data and Data Science	3	General Elective	3
	Specified Elective	3	General Elective	3
	Winter Units	CP	Summer Units	CP
	Total	12	Total	12
Year 3 - 2028	Semester 1 Units	CP	Semester 2 Units	CP
	BUS334 - Business Analytics	3	ICT393 - Advanced Business Analysis and Design	3
	ICT394 - Business Intelligence Application Development	3	General Elective	3
	General Elective	3	General Elective	3
	General Elective	3	General Elective	3
	Winter Units	CP	Summer Units	CP
	Total	12	Total	12

TOTAL CREDIT POINTS 72

Specified Electives: Choose two from the following:

- ICT201 – Information Technology Project Management
- ICT206 Intelligent Systems (prerequisite required)
- ICT167 Principles of Computer Science (prerequisite required)
- MAS353 Statistical Design and Data Analysis

Note: Use the course visualiser to identify the discovery study unit and to generate an accurate double-major plan: <https://handbook.murdoch.edu.au/course-visualiser/select-course>

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](#). This information is correct as at 22/10/2025.