

# B1420 Bachelor of Data Analytics (Major: Business Intelligence)

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

Start Date: Semester 2, 2026

Year 1 – 2026	Semester 1 Units	CP	Semester 2 Units	CP
			ICT145 Python Programming for Everyone	3
			MAS164 Fundamentals of Mathematics	3
			MAS183 Statistical Data Analysis	3
			Discovery Study	3
	Winter Units	CP	Summer Units	CP
	Total		Total	12
Year 2 - 2027	Semester 1 Units	CP	Semester 2 Units	CP
	BUS103 Business Analytics Fundamentals	3	MAS223 Applied Statistics	3
	BSC203 Introduction to ICT Research Methods	3	ICT220 Big Data and Data Science	3
	Specified Elective	3	ICT285 Databases	3
	General 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
	ICT284 Systems Analysis and Design	3	ICT305 Data Visualisation and Simulation	3
	BUS334 Business Analytics	3	ICT393 Advanced Business Analysis and Design	3
	General Elective	3	Specified Elective	3
	General Elective	3	General Elective	3
	Winter Units	CP	Summer Units	CP
	Total	12	Total	12
Year 4 - 2029	Semester 1 Units	CP	Semester 2 Units	CP
	ICT394 Business Intelligence Application Development	3		
	General Elective	3		
	General Elective	3		
	General Elective	3		
	Winter Units	CP	Summer Units	CP
	Total	12	Total	

**TOTAL CREDIT POINTS 0**

**Specified Electives:** Choose two from the following:

- ICT159 Foundations of Programming
- ICT201 Information Technology Project Management
- ICT206 Intelligent Systems (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](#). 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 at 1/06/2026.