

Academic Chair: Dr Fatuma Namisango**Start Date:** Semester 1 2026

Year 1 – 2026	Semester 1 Units	CP	Semester 2 Units	CP
	ICT100 Transition to IT	3	ICT158 Introduction to Information Systems	3
	ICT145 Python Programming for Everyone	3	ICT159 Foundations of Programming	3
	ICT169 Foundations of Data Communications	3	ICT170 Foundations of Computer Systems	3
	Level 100 Elective ¹	3	Discovery Study ² [SUS123 or GRD204 Recommended]	3
	Total	12	Total	12
Year 2 – 2027	Semester 1 Units	CP	Semester 2 Units	CP
	ICT111 Cybersecurity Fundamentals	3	ICT285 Databases	3
	BSC203 Introduction to ICT Research Methods	3	ICT292 Information Systems Management	3
	ICT284 Systems Analysis and Design	3	Level 200 Elective	3
	MAS183 Statistical Data Analysis [OR MAS162 Discrete Mathematics and Logic, only if MAS164 is completed]	3	Level 200 Elective	3
	Total	12	Total	12
Year 3 – 2028	Semester 1 Units	CP	Semester 2 Units	CP
	ICT201 Information Technology Project Management	3	ICT301 Enterprise Architectures	3
	ICT394 Business Intelligence Application Development	3	ICT302 IT Professional Practice Project	3
	Level 200/300 Elective	3	ICT393 Advanced Business Analysis and Design	3
	Level 300/200 Elective	3	Level 300/200 Elective	3
	Total	12	Total	12

TOTAL CREDIT POINTS 72**Notes on Discovery Study and Elective Options**

¹ For this elective, take MAS164 – Fundamentals of Mathematics if MAS162 is to be studied in Year 2. Please note that students who want to study MAS162 may be required to complete MAS164 (see handbook for MAS162 pre-requisites).

² There are other Discovery Study Units. Use the handbook and Course Visualiser to change your discovery study option.

Electives: You may choose any elective options. You may find the suggestions below helpful.

For business/data analytics units, you may consider ICT220, MSP202, BUS103, and BUS334. For general business-related units, you may consider GDR204, BUS201. For IT certification pathways, consider ICT298. For information security management, you may consider ICT280. For AI-related units, you may consider ICT206. For indigenous Australia and indigenous knowledges, you may consider SIK200.

For elective options, see [Handbook](#) and Course Visualiser

MJ-BUIS: You can view and edit your study plan here: <https://handbook.murdoch.edu.au/course-visualiser/saved-plan?id=a81222f0-87d2-4d67-894c-4464ae0dd9c4>

Sample Course Plan for a Double Major with Business Information Systems

MJ-BUIS + MJ-CSF (Cyber Security and Forensics), you can view and edit the study plan here <https://handbook.murdoch.edu.au/course-visualiser/saved-plan?id=52806416-a0f7-4c29-88e1-106cdd556531>

NOTE: For other possible Double Majors with Business Information Systems, use [Course Visualiser](#)

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 30/10/2025.