

B1390 Bachelor of IT (Business Information Systems)

Academic Chair: Dr Fatuma Namisango

Start Date: Semester 2 2025

Year 1 – 2025	Semester 1 Units	CP	Semester 2 Units	CP
			ICT158 Introduction to Information Systems	3
			ICT169 Foundations of Data Communications	3
			ICT170 Foundations of Computer Systems	3
			ICT145 Python Programming for Everyone (recommended)	3
	Total		Total	12
Year 2 - 2026	Semester 1 Units	CP	Semester 2 Units	CP
	ICT100 Transition to IT	3	ICT298 IT Certification Pathways OR MSP200 Building Enterprise Skills	3
	ICT159 Foundations of Programming	3	ICT285 Databases	3
	Year 2 unit (General Elective)	3	ICT292 Information Systems Management	3
	MAS162 Foundations of Discrete Mathematics (only if MAS164 is not required) OR MAS183 Statistical Data Analysis	3	ICT111 Cybersecurity Fundamentals	3
	Total	12	Total	12
Year 3 - 2027	Semester 1 Units	CP	Semester 2 Units	CP
	ICT201 Information Technology Project Management	3	ICT301 Enterprise Architectures	3
	BSC203 Introduction to ICT Research Methods	3	Year 2 unit (General Elective)	3
	ICT284 Systems Analysis and Design	3	ICT393 Advanced Business Analysis and Design	3
	Year 2 unit (General Elective)	3	ICT299 Service Management Experience OR MSP201 Real-World Learning*	3
	Total	12	Total	12
Year 4 - 2028	Semester 1 Units	CP	Semester 2 Units	CP
	ICT394 Business Intelligence Application Development	3		
	ICT302 IT Professional Practice Project	3		
	Year 3 unit (General Elective)	3		
	Year 3 unit (General Elective)	3		
	Total	12		

TOTAL CREDIT POINTS 72

Semester 1 notes	Semester 2 notes
Students can choose between MAS162 and MAS183 but note that MAS162 may require completion of MAS164 (see handbook for MAS162 requirements). If MAS164 is required, students must complete MAS183.	<p><i>*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/89jpzrpZ9j9jctmdcjqHjrrM</i></p> <p>Here is the link to the course visualiser to build or adjust your study options or explore other course study plans https://handbook.murdoch.edu.au/course-visualiser/select-course</p>
<p>Saved Course Plans for Double Majors that include Business Information Systems</p> <p>BIS + Bus Intelligence https://handbook.murdoch.edu.au/course-visualiser/saved-plan?id=b3551e9f-654d-4283-837f-6e7979f7bedf</p> <p>BIS + Cyber https://handbook.murdoch.edu.au/course-visualiser/saved-plan?id=5e898458-2e62-480f-8d9f-43eadfdb154</p> <p>BIS + Computer Science https://handbook.murdoch.edu.au/course-visualiser/saved-plan?id=9906d572-1371-44b2-949c-6f732310ffc7</p> <p>BIS + Internetworking https://handbook.murdoch.edu.au/course-visualiser/saved-plan?id=e8e548e8-2a6f-4e6c-a19e-01b224e59e7e</p>	

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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 DD/MM/YY.