09119	BACHELOR OF COMPUTING SCIEN	ICE (HONOURS)				COURSE STRUCTURE	
						Core subjects (Computing Science) (STM91173) - 96CP	Core Honours subjects (Computing Science) (STM91172) - 24CP
	Cybersecurity and Privacy major	r, Autumn commencing, full time				33130 Mathematics 1	32144 Technology Research Preparation
		ĺ				33230 Mathematics 2	32931 Technology Research Methods
	The program below shows a suggested sequence of	ourse in Autumn session. They are intended as	guide	de 31265 Communication for IT Professionals	31482 Honours Project		
	only and do not take into account such factors as re	cognition of prior learning, changes in attendance m	ode and subject availability, or satisfactory academic	progress.	ĭ	37181 Discrete Mathematics	
			43030 Professional Practice in Computing		Major choice (CBK91220) - 48CP		
	Students should consult the Timetable Planner to co	onfirm the availability of subjects in the current acad	emic year.			31251 Data Structures and Algorithms	Artificial Intelligence and Data Analytics major (MAJ10053)
						48024 Programming 2	Business Information Systems Management major (MAJ02080)
	Year 1					41080 Theory of Computing Science	Cybersecurity and Privacy major (MAJ02900)
	Mathematics 1	Discrete Mathematics	Programming 1	CBK92127 Sub-major/Electives Choice		31268 Web Systems	Enterprise Software Development major (MAJ03519)
UTUMN	33130	3718				31272 Project Management and the Professional	Interaction Design major (MAJ02092)
	6 CPs	6 CPs	6 CPs	6 CPs		31269 Business Requirements Modelling	Mathematical Analysis major (MAJ01156)
	Mathematics 2	Communication for IT Professionals	Business Requirements Modelling	Database Fundamentals		31271 Database Fundamentals	Networking and Cybersecurity major (MAJ03445)
SPRING	33230	3126	<u>.</u> 3126	9	31271	41078 Computing Science Studio 1	Quantum Information Science major (MAJ02901)
	6 CPs	<u>6 CPs</u>	6 CPs	6 CPs		41079 Computing Science Studio 2	
						41092 Network Fundamentals	Sub-Major/Electives Choice (CBK92127) - 24CP
	Year 2					41039 Programming 1	Select 24CP of options:
	Network Fundamentals	Web Systems	Programming 2	Computing Science Studio 1			SMJ10165 Applied and Industrial Optimisation Sub-major
AUTUMN	41092	3126	<u>4802</u>	4	41078		SMJ10166 Statistical Analysis Sub-major
	<u>6 CPs</u>	6 CPs	6 CPs	<u>6 CPs</u>			SMJ10167 Mathematical Analysis Extension Sub-major
	Professional Practice in Computing	Theory of Computing Science	Cybersecurity	Information Security and Management			CBK90783 Electives/Sub-major Choice Block 1
SPRING	43030	<u>4108</u>	<u>0</u> 4873	0	41181		
	<u>6 CPs</u>	6 CPs	<u>6 CPs</u>	<u>6 CPs</u>			MAJORS
						CORE	OPTIONS
	Year 3					CYBERSECURITY AND PRIVACY MAJOR (MAJ02900)	MAJ02900 Cybersecurity and Privacy Options-6CP
	<u>Data Structures and Algorithms</u>	Computing Science Studio 2	Cryptography	System Security		48730 Cybersecurity	Select 6 credit points from the options:
AUTUMN	<u>31251</u>	<u>4107</u>	9 4190	0	41182	41180 Data Analytics in Cybersecurity	48436 Digital Forensics
	<u>6 CPs</u>	6 CPs	<u>6 CPs</u>	<u>6 CPs</u>		41900 Cryptography	41185 Emerging Topics in Cybersecurity and Privacy
	Technology Research Preparation	Privacy Preserving	CBK92127 Sub-major/Electives Choice			41181 Information Security and Management	
SPRING	<u>32144</u>	<u>4118</u>	3			41182 System Security	
	6 CPs	6 CPs	12 CPs			41183 Privacy Preserving	
						41184 Secure Programming and Penetration Testing	
	Year 4					MAJ02900 Cybersecurity and Privacy Options-6CP	
	Technology Research Methods	Project Management and the Professional	Secure Programming and Penetration Testing	Data Analytics in Cybersecurity			
AUTUMN	<u>32931</u>	<u>3127</u>	2 <u>4118</u>	4	41180		
	6 CPs	6 CPs	6 CPs	6 CPs			
	Honours Project	MAJ02900 Cybersecurity and Privacy Option-6CP	CBK92127 Sub-major/Electives Choice				
SPRING	<u>31482</u>	2					
	12 CPs	6 CPs	6 CPs				
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