09119	19 BACHELOR OF COMPUTING SCIENCE (HONOURS)						COURSE STRUCTURE	
	Networking and Cybersecurity n	najo	or, Autumn commencing, full tir	ne		-	Core subjects (Computing Science) (STM91173) - 96CP 33130 Mathematics 1 33230 Mathematics 2	Core Honours subjects (Computing Science) (STM91172) - 24CP 32144 Technology Research Preparation 32931 Technology Research Methods
							31265 Communication for IT Professionals	31482 Honours Project
	The program below shows a suggested sequence of subjects for the Networking and Cybersecurity major (MAJ03445) for a student commencing the course in Autumn session. The study plan is intended as						37181 Discrete Mathematics	
	quide only and do not take into account such factors as recognition of prior learning, changes in attendance mode and subject availability, or satisfactory academic progress.					emic progress.	43030 Professional Practice in Computing	Major choice (CBK91220) - 48CP
	Students should consult the Timetable Planner to confirm the availability of subjects in the current academic year.						31251 Data Structures and Algorithms	Artificial Intelligence and Data Analytics major (MAJ10053)
	Students should consult the Timetable Planner to	contir	m the availability of subjects in the current acad	emic year.			48024 Programming 2	Business Information Systems Management major (MAJ02080)
	Year 1	-					41080 Theory of Computing Science	Cybersecurity and Privacy major (MAJ02900) Enterprise Software Development major (MAJ03519)
		Dia	a a vata Mathamatica	Dragon main of 1		OBVOOLOT Cub maior/Flooting Obside	31268 Web Systems	
TUMN	Mathematics 1		screte Mathematics	Programming 1	41000	CBK92127 Sub-major/Electives Choice	31272 Project Management and the Professional	Interaction Design major (MAJ02092) Mathematical Analysis major (MAJ01156)
OPIN	331: 6 CPs	_	<u>3718</u> CPs	1 6 CPs	41039	6 CPs	31269 Business Requirements Modelling	Matnematical Analysis major (MAJ01156) Networking and Cybersecurity major (MAJ03445)
	Mathematics 2		ommunication for IT Professionals	Business Requirements Modelling		Database Fundamentals	31271 Database Fundamentals 41078 Computing Science Studio 1	Quantum Information Science major (MAJ02901)
RING	332:		3126		31269	31271	41078 Computing Science Studio 1 41079 Computing Science Studio 2	Quantum information Science major (MA302901)
NING	6 CPs		3126 CPs	6 CPs	31209	6 CPs	410/9 Computing Science Studio 2 41092 Network Fundamentals	Sub-Major/Electives Choice (CBK92127) - 24CP
	<u>u ors</u>	00	<u>5F3</u>	<u>ours</u>		<u>uors</u>		
	Year 2	\perp					41039 Programming 1	Select 24CP of options: SMJ10165 Applied and Industrial Optimisation Sub-major
		164	ah Cuakama	Dragon main of O		Communities Colones Childia 1		
THM	Network Fundamentals		eb Systems	Programming 2	40004	Computing Science Studio 1		SMJ10166 Statistical Analysis Sub-major
AUTUMN	410s		<u>3126</u>		48024	41078		SMJ10167 Mathematical Analysis Extension Sub-major
	6 CPs		<u>CPs</u>	6 CPs		6 CPs		CBK90783 Electives/Sub-major Choice Block 1
	Professional Practice in Computing		eory of Computing Science	Cybersecurity	40700	Routing and Switching Essentials		
SPRING	430:		<u>4108</u>		<u>48730</u>	31277	CORE	MAJORS OPTIONS
	<u>6 CPs</u>	60	<u>CPs</u>	6 CPs		<u>6 CPs</u>		51 115115
	Year 3						NETWORKING AND CYBERSECURITY MAJOR (MAJ03445)	MAJ03445 Networking and Cybersecuirty Option 1-6CP
							31277 Routing and Switching Essentials	Select 6 credit points from option
T	Data Structures and Algorithms		omputing Science Studio 2	Cryptography	44000	CBK92127 Sub-major/Electives Choice	31275 Mobile Networking	31338 Netwrok Servers
AUTUMN	<u>312</u> :		4107		<u>41900</u>	0.00-	41900 Cryptography	48450 Real-time Operationg Systems
	6 CPs		<u>CPs</u>	6 CPs		6 CPs	48730 Cybersecurity	
PRING	Technology Research Preparation		oject Management and the Professional	Mobile Networking	24.075	MAJ03445 Networking and Cybersecuirty Option 1-	31261 Internetworking Project	MAJ03445 Networking and Cybersecuirty Option-12CP
KING	321		<u>3127</u>		<u>31275</u>	_	MAJ03445 Networking and Cybersecuirty Option 1-6CP	Select 12 credit points from option:
	<u>6 CPs</u>	6(<u>CPs</u>	6 CPs		6 CPs	MAJ03445 Networking and Cybersecuirty Option 2-12CP	41903 Internet Science
	Va au 4	+						41905 Software Defined Networks
	Year 4		and the state of t	MA 102 445 Naturalises and Outerman	Oution	ODI/ODI/ODI/ODI/ODI/ODI/ODI/ODI/ODI/ODI/		32009 Advanced Routing Principles
TIIN4N	Technology Research Methods		ernetworking Project	MAJ03445 Networking and Cybersecuirty	Option 2-	CBK92127 Sub-major/Electives Choice		32011 Multilayer Switched Networks
TUMN	329			1 12CP		C OD-		41890 Applying Network Security
	6 CPs		CPS	6 CPs		6 CPs		48436 Digital Forensics
סיאום	Honours Project		AJ03445 Networking and Cybersecuirty Option 2-	CBK92127 Sub-major/Electives Choice				42037 IoT Security
PRING		<u>82</u> 12		CODe				42036 Cybersecurity for Mobile Platforms
	12 CPs	6 (CPs	6 CPs		1	I .	41891 Cloud Computing Infrastructure
								48033 Internet of Things