

C09119 BACHELOR OF COMPUTING SCIENCE (HONOURS)					COURSE STRUCTURE				
	Enterprise Software Development major, Autumn commencing, full time					Core subjects (Computing Science) (STM91173) - 96CP 33130 Mathematics 1 33230 Mathematics 2 31265 Communication for IT Professionals 37181 Discrete Mathematics 43030 Professional Practice in Computing 31251 Data Structures and Algorithms 48024 Programming 2 41080 Theory of Computing Science 31268 Web Systems 31272 Project Management and the Professional 31269 Business Requirements Modelling 31271 Database Fundamentals 41078 Computing Science Studio 1 41079 Computing Science Studio 2 41092 Network Fundamentals 41039 Programming 1	Core Honours subjects (Computing Science) (STM91172) - 24CP 32144 Technology Research Preparation 32931 Technology Research Methods 31482 Honours Project		
	The program below shows a suggested sequence of subjects for the Enterprise Software Development major (MAJ03519) for a student commencing the course in Autumn session. The study plan is intended as a guide 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.						Major choice (CBK91220) - 48CP Artificial Intelligence and Data Analytics major (MAJ10053) Business Information Systems Management major (MAJ02080) Cybersecurity and Privacy major (MAJ02900) Enterprise Software Development major (MAJ03519) Interaction Design major (MAJ02092) Mathematical Analysis major (MAJ01156) Networking and Cybersecurity major (MAJ03445) Quantum Information Science major (MAJ02901)		
	Students should consult the Timetable Planner to confirm the availability of subjects in the current academic year.								
	Year 1								
AUTUMN	Mathematics 1 33130 6 CPs	Discrete Mathematics 37181 6 CPs	Programming 1 41039 6 CPs	CBK92127 Sub-major/Electives Choice					
SPRING	Mathematics 2 33230 6 CPs	Communication for IT Professionals 31265 6 CPs	Business Requirements Modelling 31269 6 CPs	Database Fundamentals 31271 6 CPs					
	Year 2						Sub-Major/Electives Choice (CBK92127) - 24CP Select 24CP of options: SMJ10165 Applied and Industrial Optimisation Sub-major SMJ10166 Statistical Analysis Sub-major SMJ10167 Mathematical Analysis Extension Sub-major CBK90783 Electives/Sub-major Choice Block 1		
AUTUMN	Network Fundamentals 41092 6 CPs	Web Systems 31268 6 CPs	Programming 2 48024 6 CPs	Computing Science Studio 1 41078 6 CPs					
SPRING	Professional Practice in Computing 43030 6 CPs	Theory of Computing Science 41080 6 CPs	Fundamentals of Interaction Design 31260 6 CPs	MAJ03519 Enterprise Software Development Options-24CP 6 CPs					
	Year 3						CORE ENTERPRISE SOFTWARE DEVELOPMENT (MAJ03519) 41025 Introduction to Software Development 31260 Fundamentals of Interaction Design 41026 Advanced Software Development 48433 Software Architecture MAJ03519 Enterprise Software Development Options-24CP		
AUTUMN	Data Structures and Algorithms 31251 6 CPs	Computing Science Studio 2 41079 6 CPs	Introduction to Software Development 41025 6 CPs	Software Architecture 48433 6 CPs		MAJORS MAJ03519 Enterprise Software Development Options-24CP Select 24 credit points from the options: 31253 Database Programming 31777 Advanced Interaction Design 31927 Application Development with .NET 41001 Cloud Computing and Software as a Service 31242 Advanced Internet Programming 41889 Application Development in the iOS Environment 41113 Software Development Studio 41052 Advanced Algorithms			
SPRING	Technology Research Preparation 32144 6 CPs	Advanced Software Development 41026 6 CPs	MAJ03519 Enterprise Software Development Options-24CP 6 CPs	CBK92127 Sub-major/Electives Choice 6 CPs					
	Year 4								
AUTUMN	Technology Research Methods 32931 6 CPs	Project Management and the Professional 31272 6 CPs	MAJ03519 Enterprise Software Development Options-24CP 6 CPs	CBK92127 Sub-major/Electives Choice 6 CPs					
SPRING	Honours Project 31482 12 CPs	MAJ03519 Enterprise Software Development Options-24CP 6 CPs	CBK92127 Sub-major/Electives Choice 6 CPs						