Trimester 1 2024 Course List

Master of Information Systems (MISP)	
Core Courses	**Pre-requisite**
CIS5209 Systems Analysis for IT Professionals	Enrolment is not permitted in CIS5209 if CIS5200 or CIS5302 has been previously completed.
CIS5204 Cloud Based Business Systems	
CIS6501 Advanced Information Systems Project	Enrolment is not permitted in CIS6501 if CIS8501 has been previously completed
Foundation Courses	
CIS5103 Management of Digital Assets and Data	
CIS5310 IS/ICT Project Management	
CIS5205 Management of Cyber Security	Pre-requisite: CIS5100
CIS5102 Navigating the Digital Revolution	Enrolment is not permitted in CIS5102 if CIS5100 has been previously completed
Digital Innovation Specialisation	
CIS6001 Technology Entrepreneurship	Enrolment is not permitted in CIS6001 if CIS8001 has been previously completed
CIS6011 Digital Innovation	Enrolment is not permitted in CIS6011 if CIS8011 has been previously completed
CIS6504 Blockchain Fundamentals	Enrolment is not permitted in CIS6504 if CIS8504 has been previously completed
Business Analytics Specialisation	
CIS6025 Big Data Visualisation	Enrolment is not permitted in CIS6025 if CIS8025 has been previously completed
Managing Cyber Risk Specialisation	
CIS6707 Cyber Incident Management and Response	Enrolment is not permitted in CIS6707 if CIS8707 has been previously completed
CIS6712 Information Assurance and Risk Management	Enrolment is not permitted in CIS6712 if CIS8712 has been previously completed
Courses Remaining in the Previous Program Structure (Students commencing S1, 2020 onwards)	
CIS6708 Digital Forensics	
CIS5206 Data Mining for Business Analytics and Cyber Security+	
CIS8500 Applied Research for Information Systems Professionals	Pre-requisite: CIS8001 or CIS8008

Trimester 1 2024 Course List

Master of Cyber Security (MCYS) NEW STRUCTURE	
Core Courses (New Structure)	**Pre-requisite**
CIS5310 IS/ICT Project Management	Enrolment is not permitted in CIS5310 if CIS8010 has been previously completed.
CSC8100 Cyber Security Architecture	
CSC5090 Foundations of IT Systems Administration	
CSC8520 Securing Networks	Co-requisite: CSC5050 OR CSC8100
STA6200 Statistics for Quantitative Researchers	
CIS6720 Cyber Security Project (worth 2 units) Fees for 2 units	Pre-requisite: CIS5100 OR CIS5310 AND CSC8520 Enrolment is not permitted in CIS6720 if CIS8720 has been previously completed
Cyber Security Management Specialisation (New Structure)	
CIS6707 Cyber Incident Management and Response	Pre-requisite: CSC5090 Enrolment is not permitted in CIS6707 if CIS8707 has been previously completed
CIS6712 Information Assurance and Risk Management	Enrolment is not permitted in CIS6712 if CIS8712 has been previously completed
CIS5206 Data Mining for Business Analytics and Cyber Security	
Technical Specialisation (New Structure)	
CIS6708 Digital Forensics	Enrolment is not permitted in CIS6708 of CIS8708 has previously been completed.
CSC8101 Penetration Testing	Pre-requisite: CSC8100 and CSC8520
CSC5020 Foundations of Programming	

See details of the new MCYS program structure at: **https://handbook-guide.unisq.edu.au/program/2024/MCYS**

Master of Cyber Security- PREVIOUS STRUCTURE	
Foundation (Core) Courses Previous Structure	
CIS5310 IS/ICT Project Management	Enrolment is not permitted in CIS5310 if CIS8010 has been previously completed.
CSC8100 Cyber Security Architecture	
CSC8101 Penetration Testing	Pre-requisite: CSC8100 and CSC8520
CSC8740 Client-side web Technology	Pre-requisite: CSC5020 and CSC5090
CIS6708 Digital Forensics	Enrolment is not permitted in CIS6708 of CIS8708 has previously been completed.
Advanced Compulsory Courses (Previous Structure)	
CIS6504 Blockchain Fundamentals *Replacing CIS8710 Human Factors in Cyber Security	Enrolment is not permitted in CIS6504 if CIS8504 has been previously completed

Capstone Project Course	
CIS6720 Cyber Security Project (worth 2 units) Fees for 2 units (Previously CIS8720)	Pre-requisite: CIS5100 OR CIS5310 AND CSC8520 Enrolment is not permitted in CIS6720 if CIS8720 has been previously completed
Business Application Specialisation courses (Previous Structure)	
CIS5206 Data Mining for Business Analytics and Cyber Security	
CIS8025 Big Data Visualisation	Enrolment is not permitted in CIS8025 if CIS8701 has been previously completed.
CIS8504 Blockchain Fundamentals	Enrolment is not permitted in CIS8504 if CIS8702 has been previously completed.
Technical Specialisation courses (Previous Structure)	
CSC5090 Foundations of IT Systems Administration	

See details of the previous MCYS program structure at:
https://www.unisq.edu.au/handbook/2023/information-technology/MCYS.html

Note: The courses offered are subject to a minimum number of enrolments