

MASTER OF CYBER SECURITY

COURSE MENU

Additional Courses (for Non CS background)	
MECR 0013	Cryptography
MECR 0023	Computer Security
University Common Elective Courses (Choose 1 Only)	
UECS 6013	IT Project Management
UHS 6013	Philosophy of Science and Civilization
UHL 6013	Malay Language for Post Graduates
UHMS 6013	Seminar on Global Development, Economic and Social Issues
UHMZ 6023	Malaysian Society and Culture
UBSS 6013	Organization Behavior and Development
UBSS 6023	Business Ethics, Responsibility and Sustainability
UHPS 6013	Dynamics of Leadership
URTS 6013	Environmental Ethics
UECS 6023	Introduction to Technopreneurship
UMJJ 6013	Basic Japanese Language and Culture
Core Faculty Course (Compulsory)	
MECR 1013	Research Methodology
Core Courses (Compulsory)	
MECR 1023	Information Security Governance and Risk Management
MECR 1033	Digital Forensics
MECR 1043	Cloud Computing Security
MECR 1053	Secure Software Engineering
MECR 1063	Cryptographic Engineering
MECR 1073	Penetration Testing
Elective Courses (Choose 3 only)	
MECR 2113	Business Continuity Planning
MECR 2123	Security Audit & Assessment
MECR 2213	Cyber Threat Intelligence
MECR 2223	Security Data Exploration
MECR 2233	Security Data Analytics & Visualization
MECR 2313	Software Exploitation
MECR 2323	Malware Analysis
Projects (Compulsory)	
MECR 2415	Project 1
MECR 2427	Project 2

Programme Structure (Full Time)

SYLLABUS	SEMESTER 1	SEMESTER 2	SEMESTER 3	TOTAL CREDITS
University Common Elective Courses		(Choose 1) U*** 6**3		3
Core Faculty Course	MECR 1013			3
Core Courses	MECR 1023 MECR 1033 MECR 1043 MECR 1053	MECR 1063 MECR 1073		18
Elective Courses		(Choose 1) MECR 2113 MECR 2123 MECR 2213 MECR 2223 MECR 2233 MECR 2313 MECR 2323	(Choose 2) MECR 2113 MECR 2123 MECR 2213 MECR 2223 MECR 2233 MECR 2313 MECR 2323	9
Project 1		MECR 2415		5
Project 2			MECR 2427	7
Total Credits	15	17	13	45