

# Master of Technology in Computer Science and Engineering (Cyber Security)

School of Computer Science Engineering and Information Systems

Programme Credit Structure	Credits
University Core Courses	41
Professional Core Courses	24
Professional Elective Courses	12
Open Elective Courses	03
<b>Total Graded Credit Requirement</b>	<b>80</b>

University Core Courses	41
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MAENG501 Technical Report Writing	1 0 4 3
MASTS501 Competitive Coding I	3 0 0 3
MASTS502 Competitive Coding II	3 0 0 3
MASET697 Project Work	0 0 0 10
MACSE698 Internship I/ Dissertation I	0 0 0 10
MACSE699 Internship II/ Dissertation II	0 0 0 12
<b>Professional Core Courses</b>	<b>24</b>
MACSE511 Data Structures and Algorithms	3 0 2 4
MACSE512 Operating Systems	3 0 2 4
MACSE513 Computer Networks	3 0 2 4
MACSE514 Database Systems	3 0 2 4
MACSE515 Cyber Security	3 1 0 4
MACSE516 Cloud Security and Privacy	3 1 0 4
<b>Professional Elective Courses</b>	<b>12</b>
MACSE613 Cryptography	3 1 0 4
MACSE614 Machine Learning for Cyber Security	3 1 0 4
MACSE615 Secure and Resilient Software Development	3 1 0 4
MACSE616 Cyber Law and Ethics	3 1 0 4
MACSE617 Cyber Threat Intelligence	3 1 0 4
MACSE618 Digital Forensics	3 1 0 4
MACSE619 Information Security and Risk Management	3 1 0 4
MACSE620 Blockchain Technologies	3 1 0 4
<b>Open Elective Courses</b>	<b>03</b>

Engineering | Sciences | Humanities | Social Sciences | Liberal Arts | Economics | Finance | Management