

MSIT Curriculum and Sample Course Schedules

Requirement Type	Current Credits
Core Courses	15 credits
Elective Courses	20 credits
Thesis/Capstone Project	10 credits
Total	45 credits

UPDATED Thesis/Capstone Project Sample Schedule

<u>AUTUMN '25</u>	<u>WINTER '26</u>	<u>SPRING '26</u>	<u>AUTUMN '26</u>	<u>WINTER '27</u>	<u>SPRING '27</u>
TINFO 501 (5 credits)	TINFO 502 (5 credits)	TINFO Elective (5 credits)	TINFO Elective (5 credits)	TINFO 700/702 (5 credits)	N/A
TINFO 503 (5 credits)	TINFO Elective (5 credits)	TINFO Elective (5 credits)	TINFO 700/702 (5 credits)		

Required Core Courses

**All students take these courses regardless of degree-completion option.*

TINFO 501: Data Structures & Algorithms for IT – I (5 credits) TINFO 502: Data Structures & Algorithms for IT – II (5 credits) TINFO 503: Computer Networks for IT (5 credits)

Commonly Offered Depth/Elective Courses

**Students choose 20 credits.*

TINFO 504: IT Project Management (5 credits) TINFO 510: Cloud Computing (5 credits)
 TINFO 520: Cyber Forensics (5 credits)
 TINFO 530: Machine Learning for IT (5 credits)
 TINFO 540: Wireless & Mobile Network Security (5 credits) TINFO 550: Human-Computer Interaction (5 credits)
 TINFO 560: Internet of Things (5 credits)
 TINFO 570: IT Automation (5 credits)
 TINFO 580: Homeland Security (5 credits)
 TINFO 590: DevOps (5 credits)
 TINFO 600: Independent Study (1 – 5 credits)
 TINFO 601: Internship (1 – 5 credits)

Required Capstone Credits (10 credits).

Required Thesis Credits (10 credits).

