



3699 - Master of Information and Communication Technology (‘Networking’ and ‘Web and Mobile Computing’ and ‘Cybersecurity’)

2024 Trimester 3 Commencing Student Advising Guide

This Advising Guide has been specifically created for students enrolled in a Master of Information and Communication Technology with a Testamur Major in Networking, Web and Mobile Computing or Cybersecurity at Western Sydney University, Sydney City Campus who commence in T3 2024.

This guide provides students with details of the subjects they will need to study to complete their degree. It is divided into 3 sections

1. **Course structure:** subjects divided into categories (e.g. Core. Specialisation, Specialised subjects).
2. **Subjects for T3 2024**
3. **Recommended sequences:** the recommended order of subjects a student should follow to complete their degree. Sequences have been provided to assist students with planning their enrolment. For more detailed information, students can book in with their Program Convenor or a Student Advisor (see information below).

Study load options

Fulltime study:	Students should select 3 subjects per Trimester (International students are required to study a full-time load)
Part-time study:	Students should select 1-2 subjects per Trimester
Accelerated study:	Students should select 4 subjects per Trimester*

*Students should only consider taking 4 subjects per Trimester once they have completed at least one Trimester of study at Sydney City Campus.

Subject prerequisites and assumed knowledge

Students should check the handbook entry for more subject information including prerequisites, subject levels and assumed knowledge.

Advanced Standing

Students who have received Advanced Standing based on previous study should make sure they take into account which subjects they have been granted credit for, before selecting their subjects to study at Sydney City Campus. Students with Advanced Standing who have questions about which subjects to select can also contact the program convenors via computing@city.westernsydney.edu.au or m.razavi@city.westernsydney.edu.au for personalised course advice.

For more assistance or advice on your Program, you can also make an appointment at Sydney City Campus reception to meet with a Student Adviser or via their online booking system <https://calendly.com/student-services-teams> Alternatively, you can contact them at studentservices@city.westernsydney.edu.au

For this course, the SCC offers 17 subjects that allow for a completion of the Masters with either of the three Testamur Majors: Networking, Web and Mobile Computing or Cybersecurity.

More detailed program and subject information can be found in the Western Sydney Handbook <https://hbook.westernsydney.edu.au/programs/master-information-communications-technology/>



Course structure

Qualification for this award requires the successful completion of 160 credit points including the subjects listed below plus 120 hours (full time or part-time equivalent) of work experience component.

9 Core Subjects (90 credit points)

COMP 7013	Network Technologies
ENGR 7017	Professional Practice and Communication
NATS 7057	Research Preparation in Post Graduate Studies
INFO 6001	IT Project Management
INFO 6002	Postgraduate Capstone Project
COMP 7015	Programming Proficiency
INFS 7007	Systems Analysis and Database Management Systems
INFO 7003	Advanced Topics in User System Interaction
INFO7015	Applied Cybersecurity

Students must enrol in the ICT Practicum subject to receive recognition for Work Integrated Learning.

INFO 7004	ICT Practicum (0 credit points)
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7 subjects from Testamur Majors and Alternate or Multi-disciplinary subjects needs to be completed.

All students MUST complete one of the listed Majors below:

Networking Major

Students must complete four subjects from the following:

COMP 7002	Advanced Topics in Networking (not offered at SCC)
COMP 7011	Multimedia Communication Systems
COMP 7008	Internet of Things
INFS 7008	Systems and Network Security
COMP 7017	Wireless Networking

Please note, students enrolled in 'Networking' testamur major must use one of their elective spaces to complete the advanced subject 'Advanced Topics in ICT (INFS7003)' due to professional accreditation requirements.

Web and Mobile Computing Major

Students must complete the following subjects:

INFS 7009	Web Technologies
COMP 7009	Mobile Computing

And choose two subjects of:



INFO 7013	Web Engineering
INFS 7006	Software Testing and Automation
COMP 7004	Cloud Computing
COMP 7008	Internet of Things

Cybersecurity Major

Students must complete the following three subjects:

INFO 7014	Advanced Topics in Cybersecurity
INFO 7015	Applied Cybersecurity
INFS 7008	Systems and Network Security

And select one of the following:

INFO 7002	Advanced Topics in Artificial Intelligence
COMP 7004	Cloud Computing
COMP 7007	Information Security Management
COMP 7016	Visualisation

Complete list of Alternate or Multi-disciplinary subject is in handbook (<https://hbook.westernsydney.edu.au/programs/master-information-communications-technology/#structure2024text>).



Subjects for commencing students at Sydney City Campus for T3 2024

All subjects are planned to be delivered on campus.

Trimester 3 2024

INFS7007	Systems Analysis and Database Management Systems
INFS7009	Web Technologies
COMP7013	Network Technologies



Recommended sequences for 'Networking' Testamur Major

Recommended sequence for 'Networking' Testamur Major for students who started their degree in Trimester 3 2024

Term 3 2024	INFS7007	Systems Analysis and Database Management Systems
Term 3 2024	INFS7009	Elective-Web Technologies
Term 3 2024	COMP7013	Network Technologies
Term 1 2025	INFO7015	Applied Cybersecurity
Term 1 2025	ENGR7017	Professional Practice and Communication
Term 1 2025	INFS7006	Elective-Software Testing and Automation
Term 2 2025	COMP7011	Multimedia Communication Systems
Term 2 2025	NATS7057	Research Preparation in Post Graduate Studies
Term 2 2025	COMP7015	Programming Proficiency
Term 3 2025	COMP7008	Internet of Things
Term 3 2025	INFS7008	Systems and Network Security
Term 3 2025	INFO7003	Advanced Topics in User System Interaction
Term 1 2026	INFO6001	IT Project Management
Term 1 2026	COMP7017	Wireless Networking
Term 1 2026	INFO6002	Postgraduate Capstone Project
Term 2 2026	INFO7004	ICT Practicum (0 CP)
Term 2 2026	INFS7003	Mandatory Elective-Advanced Topics in ICT

Code:	Core unit	Networking	Elective
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Recommended sequences for 'Web and Mobile Computing' Testamur Major

Recommended sequence for 'Web and Mobile Computing' Testamur Major for students who started their degree in Trimester 3 2024

Term 3 2024	INFS7007	Systems Analysis and Database Management Systems
Term 3 2024	INFS7009	Web Technologies
Term 3 2024	COMP7013	Network Technologies
Term 1 2025	INFO7015	Applied Cybersecurity
Term 1 2025	ENGR7017	Professional Practice and Communication
Term 1 2025	COMP7017	Elective-Wireless Networking or Software Testing
Term 2 2025	COMP7011	Elective-Multimedia Communication Systems
Term 2 2025	NATS7057	Research Preparation in Post Graduate Studies
Term 2 2025	COMP7015	Programming Proficiency
Term 3 2025	COMP7008	Internet of Things
Term 3 2025	INFS7008	Systems and Network Security
Term 3 2025	INFO7003	Advanced Topics in User System Interaction
Term 1 2026	INFO6001	IT Project Management
Term 1 2026	COMP7009	Mobile Computing
Term 1 2026	INFO6002	Postgraduate Capstone Project
Term 2 2026	INFO7004	ICT Practicum (0 CP)
Term 2 2026	INFO7013	Web Engineering*

Code:	Core unit	Web and Mobile Computing	Elective
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Recommended sequences for 'Cybersecurity' Testamur Major

Recommended sequence for 'Cybersecurity' Testamur Major for students who started their degree in Trimester 3 2024

Term 3 2024	INFS7007	Systems Analysis and Database Management Systems
Term 3 2024	INFS7009	Elective-Web Technologies
Term 3 2024	COMP7013	Network Technologies
Term 1 2025	INFO7015	Applied Cybersecurity
Term 1 2025	ENGR7017	Professional Practice and Communication
Term 1 2025	INFS7006	Elective-Software Testing and Automation
Term 2 2025	COMP7011	Elective-Multimedia Communication Systems
Term 2 2025	NATS7057	Research Preparation in Post Graduate Studies
Term 2 2025	COMP7015	Programming Proficiency
Term 3 2025	COMP7004	Cloud Computing
Term 3 2025	INFS7008	Systems and Network Security
Term 3 2025	INFO7003	Advanced Topics in User System Interaction
Term 1 2026	INFO6001	IT Project Management
Term 1 2026	COMP7017	Elective-Wireless Networking
Term 1 2026	INFO6002	Postgraduate Capstone Project
Term 2 2026	INFO7004	ICT Practicum (0 CP)
Term 2 2026	INFO7014	Advanced Topics in Cybersecurity

Code:	Core unit	Cybersecurity	Elective
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