

NETWORKING AND CLOUD COMPUTING, TESTAMUR MAJOR (T146)

Bachelor of Information and Communications Technology (3639) (<https://hbook.westernsydney.edu.au/archives/2024-2025/programs/bachelor-information-communications-technology/>)

Bachelor of Information and Communications Technology (Advanced) (3684) (<https://hbook.westernsydney.edu.au/archives/2024-2025/programs/bachelor-information-communications-technology-advanced/>)

Western Sydney University Major Code: T146

Available to students in other Western Sydney University

Programs: Yes. Check that your program has the available credit points required to complete the subjects in this field of study. Any requisite requirements must also be met. Consult your Program Advisor for further advice.

The networking and cloud computing major provides students with in-depth knowledge for the analysis, design, and implementation of cloud and networked systems. It offers students the opportunity to develop the technical skills needed for the management and secure operations of a broad range of systems, including LANs, WANs, wireless and mobile networks, and large heterogeneous networks.

Location

Campus	Attendance	Mode	Advice
Campbelltown Campus	Full-time	Internal	cdms@westernsydney.edu.au
Campbelltown Campus	Part-time	Internal	cdms@westernsydney.edu.au
Parramatta Victoria Road Campus	Full-time	Internal	cdms@westernsydney.edu.au
Parramatta Victoria Road Campus	Part-time	Internal	cdms@westernsydney.edu.au
Penrith Campus	Full-time	Internal	cdms@westernsydney.edu.au
Penrith Campus	Part-time	Internal	cdms@westernsydney.edu.au
Sydney City Campus*	Full-time	Internal	a.cevenini@city.westernsydney.edu.au
Sydney City Campus*	Part-time	Internal	a.cevenini@city.westernsydney.edu.au

* Curriculum delivered through an agreement with another party

Students must complete 80 credit points as follows

Subject	Title	Credit Points
COMP 3012	Introduction to Cloud Computing	10
COMP 3007	Computer Networks and Internets	10
COMP 2013	LAN Workshop	10
COMP 3003	Cloud Computing Architecture	10
COMP 3025	Wireless and Mobile Networks	10
COMP 3037	Cloud Security	10
Select one of the following:		10
COMP 3014	Networked Systems Design	
COMP 3009	Distributed Systems and Programming	
Select one of the following:		10
INFO 3002	Ethical Hacking Principles and Practice	
INFO 3015	Internet of Things and Smart Environments	
Total Credit Points		80