

# NETWORKED SYSTEMS, MAJOR

Bachelor of Computer Science (Advanced) (3634) (<https://hbook.westernsydney.edu.au/archives/2021-2022/programs/bachelor-computer-science-advanced/>)

Western Sydney University Major Code: 0065

Previous Code: M3115.1

Available to students in other Western Sydney University programs?

No

This major is only available to students enrolled in the Bachelor of Computer Science and Bachelor of Computer Science Advanced. This major aims to develop graduates with sound skills in the discipline of networked computer systems. Recent advances in computer and telecommunications networked systems, particularly those based on TCP/IP, have increased the importance of network technologies in the discipline of computer science. This major covers a wide range of topics including computer communication network concepts and protocols, multimedia systems, Internet standards and technologies, network security, wireless and mobile computing, and distributed systems. The candidates are also introduced to some of the relevant current key research issues of the field.

## Location

Campus	Mode	Advice
Parramatta Campus - Victoria Road	Internal	A/Prof Yun Bai ( <a href="https://directory.westernsydney.edu.au/search/email/y.bai@westernsydney.edu.au">https://directory.westernsydney.edu.au/search/email/y.bai@westernsydney.edu.au</a> )
Penrith Campus	Internal	A/Prof Yun Bai ( <a href="https://directory.westernsydney.edu.au/search/email/y.bai@westernsydney.edu.au">https://directory.westernsydney.edu.au/search/email/y.bai@westernsydney.edu.au</a> )

## Major Structure

Students must complete 80 credit points as follows.

Subject	Title	Credit Points
COMP 2004	Computer Networking	10
COMP 3007	Computer Networks and Internets	10
INFO 3006	Information Security	10
COMP 3014	Networked Systems Design	10
INFO 3007	Network Security	10
COMP 3025	Wireless and Mobile Networks	10
Select two of the following:		20
INFO 3002	Ethical Hacking Principles and Practice	
INFO 3015	Internet of Things and Smart Environments	
COMP 3015	Operating Systems Programming	
COMP 3020	Social Web Analytics	
<b>Total Credit Points</b>		<b>80</b>

## Related Programs

Bachelor of Computer Science (3506) (<https://hbook.westernsydney.edu.au/archives/2021-2022/programs/bachelor-computer-science/>)