WESTERN SYDNEY UNIVERSITY

W

BACHELOR OF INFORMATION AND COMMUNICATIONS TECHNOLOGY (3639)

The Bachelor of Information and Communications Technology is a three-year program accredited by the Australian Computer Society. It meets the demands of business to be competitive and to innovate in this fast-changing area. Students build strong foundational skills, and then apply these to a range of industry relevant problems and projects as part of work-integrated learning. To complete the degree, students do a major to specialise in topics, such as, cyber security, cloud computing, multimedia computing. Students also have options to do a minor. This is a challenging and rewarding degree with an ever-expanding range of employment options.

This degree gives you the skills you need to become an in-demand computing professional. You will gain skills in a practice-based learning environment, be introduced to real-world project experience, and acquire a solid knowledge of ICT theory.

Entry via: International students apply direct to Western Sydney University. *www.westernsydney.edu.au/international/apply*

Accreditation: Australian Computer Society at Professional Level

INVENT YOUR CAREER

Western's Bachelor of Information and Communications Technology will give you a strong understanding of several industry domains including networking, databases, systems analysis and design and programming. You will also gain relevant skills in web and mobile technologies, project management, professional communications, operating systems and human computer interaction. As well as the necessary mathematical and statistical skills to succeed as an ICT practitioner, you can choose from a broad range of specialisations including entertainment computing and social media analytics. You will also gain access to industry-leading facilities where you can bring your ideas to life and shape an unlimited future.

For program advice, please email **CDMS@westernsydney.edu.au**

PROGRAM STRUCTURE

YEAR 1
SESSION 1 AUTUMN

SUBJECT CODE	SUBJECT TITLE
COMP 1005	Programming Fundamentals
MATH 1038	Mathematics for Computing
INFO 1003	Professional Practice, Communication and Ethics
HUMN 1013	Contextualising Indigenous Australia (Day Mode)

SESSION 2 SPRING

COMP 2004	Computer Networking
COMP 2021	Software Engineering Fundamentals
INFS 2001	Database Design and Development
COMP 2015	Programming Techniques

YEAR 2
SESSION 3 AUTUMN

COMP 2027	Cyber Security
Two major subject	
One elective subject	

SESSION 4 SPRING

COMP 3028	Software Construction
INFO 3019	Project Management
Two major subjects	

YEAR 3
SESSION 5 AUTUMN

Two major subjects	
Two elective subjects	

SESSION 6 SPRING

COMP 3018	Professional Experience
Two major subjects	
One elective subject	

MAJORS

T145	Cyber Security and Ethical Hacking, Testamur Major
T151	Enterprise Systems and Architectures, Testamur Major
T007	Health Informatics, Testamur Major
T147	Multimedia Computing, Testamur Major
T146	Networking and Cloud Computing, Testamur Major
T148	Software Development, Testamur Major

MINORS

0128 Cloud Computing, Minor	0324 Graphics and Visual Simulation, Minor
0323 Games Development, Minor	0326 Cyber Security and Ethical Hacking, Minor
0037 Health Informatics, Minor	0322 Data Science and Machine Learning, Minor
0328 Multimedia Computing, Minor	0325 Ubiquitous Computing, Minor
0040 Networking, Minor	
0329 Software Development, Minor	

PROGRAM	CRICOS CODE	WS CODE	INTAKE	LOCATION	DURATION
B Information and Communications Technology	064013K	3639	March/July	Campbelltown	3F
	064013K	3639	March/July	Parramatta	3F
	064013K	3639	March/July	Penrith	3F
	064013K	3639	March/July	Sydney City Campus*	3F
	064013K	3639	March/July	ATMC Melbourne*	3F

Key: B = Bachelor of; F = Full-time.   * Programs delivered through an agreement with another party   CRICOS PROVIDER 00917K

For more information, please call the Course Information Centre on **1300 897 669** or email **study@westernsydney.edu.au**

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