BACHELOR OF INFORMATION AND COMMUNICATIONS TECHNOLOGY/BACHELOR OF BUSINESS (ACCOUNTING) (3738)

Approved Abbreviation: BICT/BBus(Acc)
Western Sydney University Program Code: 3738
AQF Level: 7

CRICOS Code: 089214F

This program applies to students who commenced in 2017 or later.

This double degree targets the wide application of information technology in Accounting.   It provides students with a strong technical background in IT and Accounting. It allows students to develop skills in application development, program design, systems analysis and design, networks, web development, and the implementation of technology. This degree combines information technology with knowledge required by professional Accountants.

Students may be required to travel between campuses for some learning experiences.

Study Mode

Four years full-time.

Program Advice

Program Advice (CDMS@westernsydney.edu.au)

Prospective students should visit the following websites for general enquiries about this program.

Enquire about this program (https://enquiry.westernsydney.edu.au/courseenquiry/)| Local Admission (https://www.westernsydney.edu.au/future/) | International Admission (https://www.westernsydney.edu.au/international/home/apply/admissions/) |

Location

Campus	Attendance	Mode	Advice
Campbelltown Campus	Full Time	Internal	See above
Parramatta Campus - Victoria Road	Full Time	Internal	See above

Accreditation

The Bachelor of Information and Communications Technology is accredited with the Australian Computer Society (ACS) at Professional level.

The business component of this program is accredited by the Association to Advance Collegiate Schools of Business (AACSB). The Bachelor of Business (Accounting) is accredited with and satisfies the pre-admission educational requirements for membership of CPA Australia (CPA), Chartered Accountants Australia and New Zealand (CAANZ) and the Institute of Public Accountants (IPA). Completion of this degree will allow students to claim a number of exemptions from the Chartered Institute of Management Accountants (CIMA) in obtaining the CIMA Professional Qualification.

Inherent Requirements

There are inherent requirements for this program that you must meet in order to complete your program and graduate. Make sure you read and understand the requirements for this program online.

Inherent Requirements (https://www.westernsydney.edu.au/ir/inherent_requirements/inherent_requirements_for_accounting_courses/)

Work Integrated Learning

Western Sydney University seeks to enhance student learning experiences by enabling students to engage in the culture, expectations and practices of their profession or discipline. This program includes a placement or other community-based unpaid practical experience.

There is an optional work component available in this program. Please contact the Program Advisor listed above for information.

International students should be aware that if an elective is a requirement of the program but the work itself was not registered with CRICOS, students can still complete these electives but it would be counted towards the work limitation. For more details, refer to the 'Work Integrated Learning (WIL) for international students' website.

Work Integrated Learning (WIL) for international students (https://www.westernsydney.edu.au/currentstudents/current_students/services_and_facilities/international_student_support/working_in_australia/work_integrated_learning/)

Admission

Assumed knowledge: HSC Mathematics and any two subjects of HSC English.

Applications from Australian and New Zealand citizens and holders of permanent resident visas may be made via the Universities Admissions Centre (UAC) or directly through the Western Portal. Use the links below to apply via UAC or Western Sydney University. Applications made directly to Western Sydney do not have an application fee.

http://www.uac.edu.au/
https://westernsydney.uac.edu.au/ws/

Applicants who have undertaken studies overseas may have to provide proof of proficiency in English. Local applicants who are applying through the Universities Admissions Centre (UAC) will find details of minimum English proficiency requirements and acceptable proof on the UAC website. Local applicants applying directly to the University should also use the information provided on the UAC website.

International students currently completing an Australian Year 12 in or outside Australia, an International Baccalaureate in Australia or a New Zealand National Certificate of Educational Achievement (NCEA) level 3 must apply via UAC International.

http://www.uac.edu.au/

All other International applicants must apply directly to the University via the International Office.

International students applying to the University through the International Office can find details of minimum English proficiency requirements and acceptable proof on their website.

International Office (http://www.westernsydney.edu.au/international/)

Overseas qualifications must be deemed by the Australian Education International - National Office of Overseas Skills Recognition (AEI-

NOOSR) to be equivalent to Australian qualifications in order to be considered by UAC and Western Sydney University.

Program Structure

Qualification for this award requires the successful completion of 320 credit points as per the recommended sequence.

Students who complete this award will graduate with a Bachelor of Information and Communications Technology and a Bachelor of Business, with a Major in Accounting noted on their testamur.

Business Component

Core Subjects (compulsory 40 credit points)

Subject	Title	Credit Points
LAWS 1001	Enterprise Law	10
BUSM 1008	Enterprise Leadership	10
BUSM 1006	Enterprise Innovation and Markets	10
BUSM 1010	Financing Enterprises	10

Professional Subjects - Choose 40 credit points

The professional subjects provide a focus on careers. Students are required to complete one subject from each of the four key focus areas: numeracy and analytics, career planning, innovation, and enterprise engagement, a total of 40 credit points. The professional core subjects that are recommended for the **Bachelor of Business (Accounting)** major are specified in the major.

Bachelor of Business Accounting Major

Choose 80 credit points from the T046 Accounting major. This is a testamur major.

Accounting, Testamur Major (T046) (https:// hbook.westernsydney.edu.au/archives/2022-2023/majors-minors/ accounting-ug-testamur-major/)

Accreditation Subjects

Students should note that in order to achieve accreditation with the CPA Australia, Chartered Accountants Australia and New Zealand (CAANZ) and the Institute of Public Accountants (IPA) they will need to complete the following additional four subjects (40 credit points) over and above the 320 credit points of this program.

Subject	Title	Credit Points
ACCT 2001	Contemporary Management Accounting	10
ECON 2002	Corporate Financial Management	10
LAWS 2010	Law of Business Organisations	10
LAWS 3070	Taxation Law	10
Total Credit Points		**40**

Recommended Sequence

Use the link to the Bachelor of Business (BBus) Accounting Major to see the core, professional and major subjects required.

Students should follow the recommended sequence below and not the recommended sequence listed under the BBus Accounting Major.

Full-Time start-year intake

Course	Title	Credit Points
Year 1		
Autumn session		
INFS 1006	Systems Analysis and Design	10
COMP 1005	Programming Fundamentals	10
Select two BBus core subjects		20
	Credit Points	**40**
Spring session		
INFS 2001	Database Design and Development	10
COMP 2015	Programming Techniques	10
Select two BBus core subjects		20
	Credit Points	**40**
Year 2		
Autumn session		
INFS 2006	Object Oriented Analysis	10
COMP 2020	Technologies for Web Applications	10
Select one BBus professional subject		10
Select one BBus major subject		10
	Credit Points	**40**
Spring session		
INFS 3017	Web Systems Development	10
COMP 2004	Computer Networking	10
Select one BBus professional subject		10
Select one BBus major subject		10
	Credit Points	**40**
Year 3		
Autumn session		
COMP 3007	Computer Networks and Internets	10
INFO 3003	Human-Computer Interaction	10
Select two BBus major subjects		20
	Credit Points	**40**
Spring session		
COMP 3020	Social Web Analytics	10
Select one BICT pool subject from the list below		10
Select two BBus major subjects		20
	Credit Points	**40**
Year 4		
Autumn session		
INFO 3008	Professional Development	10
COMP 3015	Operating Systems Programming	10
Select one BBus professional subject		10
Select one BBus major subject		10
	Credit Points	**40**
Spring session		
COMP 3018	Professional Experience	10
Select one BICT Pool subject from the list below		10
Select one BBus professional subject		10
Select one BBus major subject		10
	Credit Points	**40**
	Total Credit Points	**320**

Bachelor of Information & Communications Technology Pool Subjects

Subject	Title	Credit Points
PHYS 3001	Astroinformatics	10
INFS 3005	Developing Web Applications with XML	10
INFO 3002	Ethical Hacking Principles and Practice	10
COMP 3013	Mobile Applications Development	10
INFO 3007	Network Security	10
COMP 3019	Professional Experience (Advanced)	10
COMP 3023	Systems and Network Management	10
COMP 3024	Video Games Development	10

Program Structure

Students who complete this award will graduate with a Bachelor of Information and Communications Technology with a Minor in ICT and a Bachelor of Business, with a Major in Accounting noted on their testamur.

Business Component

Core Subjects (compulsory 40 credit points)

Subject	Title	Credit Points
LAWS 1001	Enterprise Law	10
BUSM 1008	Enterprise Leadership	10
BUSM 1006	Enterprise Innovation and Markets	10
BUSM 1010	Financing Enterprises	10
Total Credit Points		**40**

Professional Subjects - Choose 40 credit points

The professional subjects provide a focus on careers. Students are required to complete one subject from each of the four key focus areas: numeracy and analytics, career planning, innovation, and enterprise engagement, a total of 40 credit points. The professional core subjects that are recommended for the **Bachelor of Business (Accounting)** major are specified in the major.

Accreditation Subjects

Students who successfully complete the Bachelor of Business (Accounting) component of the degree may apply for membership of CPA Australia. Applicants for membership of CPA Australia have the option of either completing Taxation Law with an accredited Higher Education Provider OR in the CPA Program. http://www.cpaaustralia.com.au/apps/careers/accreditedcourses/ CourseDetails.aspx?Id=432 (http://www.cpaaustralia.com.au/ apps/careers/accreditedcourses/CourseDetails.aspx?Id=4321)1 (http://www.cpaaustralia.com.au/apps/careers/accreditedcourses/ CourseDetails.aspx?Id=4321)

Students should note that in order to achieve accreditation with the CPA Australia, Chartered Accounting Australia and New Zealand (CA) and the Institute of Public Accountants (IPA) they will need to complete an additional four subjects (40 credit points) over and above the 320 credit points of this program.

Subject	Title	Credit Points
ACCT 2001	Contemporary Management Accounting	10
ECON 2002	Corporate Financial Management	10
LAWS 2010	Law of Business Organisations	10
LAWS 3070	Taxation Law	10
Total Credit Points		**40**

Recommended Sequence

This sequence applies to students who commenced in Autumn 2023 or later. If you commenced prior to 2023 please refer to the Sequence 2022 tab for details.

Qualification for this award requires the successful completion of 320 credit points as per the recommended sequence.

Full-time start-year intake

Course	Title	Credit Points
Year 1		
Autumn session		
BBUS core subject 1		10
BBUS core subject 2		10
COMP 1005	Programming Fundamentals	10
MATH 1038	Mathematics for Computing	10
	Credit Points	**40**
Spring session		
BBUS core subject 3		10
BBUS core subject 4		10
COMP 2015	Programming Techniques	10
COMP 2021	Software Engineering Fundamentals	10
	Credit Points	**40**
Year 2		
Autumn session		
BBUS professional subject 1		10
BBUS major subject 1		10
INFO 1003	Professional Practice, Communication and Ethics	10
HUMN 1013	Contextualising Indigenous Australia (Day Mode)	10
	Credit Points	**40**
Spring session		
BBUS professional subject 2		10
BBUS major subject 2		10
INFS 2001	Database Design and Development	10
COMP 2004	Computer Networking	10
	Credit Points	**40**
Year 3		
Autumn session		
BBUS major subject 3		10
BBUS major subject 4		10
COMP 2027	Cyber Security	10
BICT minor subject		10
	Credit Points	**40**
Spring session		
BBUS major subject 5		10
BBUS major subject 6		10
COMP 3028	Software Construction	10
BICT minor subject		10
	Credit Points	**40**

Year 4

Autumn session

BICT minor subject		10
BICT minor subject		10
BBUS major subject 7		10
BBUS professional subject 3		10
	Credit Points	**40**

Spring session

BBUS professional subject 4		10
BBUS major subject 8		10
INFO 3019	Project Management	10
COMP 3018	Professional Experience	10
	Credit Points	**40**
	Total Credit Points	**320**

Bachelor of Information and Communications Technology Minors

Cloud Computing, Minor (0128) (https://hbook.westernsydney.edu.au/archives/2022-2023/majors-minors/cloud-computing-minor/)

Cyber Security and Ethical Hacking, Minor (0326) (https://hbook.westernsydney.edu.au/archives/2022-2023/majors-minors/cyber-security-ethical-hacking-minor/)

Data Science and Machine Learning, Minor (0322) (https://hbook.westernsydney.edu.au/archives/2022-2023/majors-minors/data-science-machine-learning-minor/)

Games Development, Minor (0323) (https://hbook.westernsydney.edu.au/archives/2022-2023/majors-minors/games-development/)

Graphics and Visual Simulation, Minor (0324) (https://hbook.westernsydney.edu.au/archives/2022-2023/majors-minors/graphics-visual-simulation-minor/)

Health Informatics, Minor (0037) (https://hbook.westernsydney.edu.au/archives/2022-2023/majors-minors/health-informatics-minor/)

Multimedia Computing, Minor (0328) (https://hbook.westernsydney.edu.au/archives/2022-2023/majors-minors/multimedia-computing-minor-0328/)

Networking, Minor (0040) (https://hbook.westernsydney.edu.au/archives/2022-2023/majors-minors/networking-minor/)

Software Development, Minor (0329) (https://hbook.westernsydney.edu.au/archives/2022-2023/majors-minors/software-development-minor-0329/)

Ubiquitous Computing, Minor (0325) (https://hbook.westernsydney.edu.au/archives/2022-2023/majors-minors/ubiquitous-computing/)

This sequence applies to students who commenced in Spring 2023.

If you commenced in Autumn 2023 please refer to the Autumn 2023 Sequence tab for details. If you commenced prior to 2023 please refer to the Sequence 2022 tab for details.

Qualification for this award requires the successful completion of 320 credit points as per the recommended sequence.

Full-time start-year intake

Course	Title	Credit Points
Year 1		
Autumn session		
BBUS core subject 1		10

BBUS core subject 2		10
COMP 1005	Programming Fundamentals	10
Select one of the following		10
MATH 1038	Mathematics for Computing	
MATH 1006	Discrete Mathematics	
	Credit Points	**40**

Spring session

BBUS core subject 3		10
BBUS core subject 4		10
COMP 2015	Programming Techniques	10
COMP 2021	Software Engineering Fundamentals	10
	Credit Points	**40**

Year 2

Autumn session

BBUS professional subject 1		10
BBUS major subject 1		10
INFO 1003	Professional Practice, Communication and Ethics	10
HUMN 1013	Contextualising Indigenous Australia (Day Mode)	10
	Credit Points	**40**

Spring session

BBUS professional subject 2		10
BBUS major subject 2		10
INFS 2001	Database Design and Development	10
COMP 2004	Computer Networking	10
	Credit Points	**40**

Year 3

Autumn session

BBUS major subject 3		10
BBUS major subject 4		10
COMP 2027	Cyber Security	10
BICT minor subject		10
	Credit Points	**40**

Spring session

BBUS major subject 5		10
BBUS major subject 6		10
COMP 3028	Software Construction	10
BICT minor subject		10
	Credit Points	**40**

Year 4

Autumn session

BICT minor subject		10
BICT minor subject		10
BBUS major subject 7		10
BBUS professional subject 3		10
	Credit Points	**40**

Spring session

BBUS professional subject 4		10
BBUS major subject 8		10
INFO 3019	Project Management	10
COMP 3018	Professional Experience	10
	Credit Points	**40**
	Total Credit Points	**320**

Bachelor of Information and Communications Technology Minors

Cloud Computing, Minor (0128) (https://hbook.westernsydney.edu.au/archives/2022-2023/majors-minors/cloud-computing-minor/)

Cyber Security and Ethical Hacking, Minor (0326) (https://hbook.westernsydney.edu.au/archives/2022-2023/majors-minors/cyber-security-ethical-hacking-minor/)

Data Science and Machine Learning, Minor (0322) (https://hbook.westernsydney.edu.au/archives/2022-2023/majors-minors/data-science-machine-learning-minor/)

Games Development, Minor (0323) (https://hbook.westernsydney.edu.au/archives/2022-2023/majors-minors/games-development/)

Graphics and Visual Simulation, Minor (0324) (https://hbook.westernsydney.edu.au/archives/2022-2023/majors-minors/graphics-visual-simulation-minor/)

Health Informatics, Minor (0037) (https://hbook.westernsydney.edu.au/archives/2022-2023/majors-minors/health-informatics-minor/)

Multimedia Computing, Minor (0328) (https://hbook.westernsydney.edu.au/archives/2022-2023/majors-minors/multimedia-computing-minor-0328/)

Networking, Minor (0040) (https://hbook.westernsydney.edu.au/archives/2022-2023/majors-minors/networking-minor/)

Software Development, Minor (0329) (https://hbook.westernsydney.edu.au/archives/2022-2023/majors-minors/software-development-minor-0329/)

Ubiquitous Computing, Minor (0325) (https://hbook.westernsydney.edu.au/archives/2022-2023/majors-minors/ubiquitous-computing/)