

BACHELOR OF INFORMATION AND COMMUNICATIONS TECHNOLOGY/BACHELOR OF BUSINESS (3737)

Approved Abbreviation: BICT/BBus

Western Sydney University Program Code: 3737

AQF Level: 7

CRICOS Code: 089213G

This program applies to students who commenced in 2018 or later.

Students should follow the program structure for the session start date relevant to the year they commenced.

For Commencement Year 2016, please refer to: 3737.1 Bachelor of Information and Communications Technology/Bachelor of Business (<http://handbook.westernsydney.edu.au/hbook/course.aspx?course=3737.1>)

This double degree targets the wide application of information technology in Business. It provides students with a strong technical background in IT and Business. 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 one of eight Business Majors in:

Applied Finance, Testamur Major (T038) (<https://hbook.westernsydney.edu.au/archives/2021-2022/majors-minors/applied-finance-ug-testamur-major/>)

Business Analytics, Testamur Major (T130) (<https://hbook.westernsydney.edu.au/archives/2021-2022/majors-minors/business-analytics-ug-testamur-major/>)

Economics, Testamur Major (T039) (<https://hbook.westernsydney.edu.au/archives/2021-2022/majors-minors/economics-ug-testamur-major/>)

Human Resource Management, Testamur Major (T041) (<https://hbook.westernsydney.edu.au/archives/2021-2022/majors-minors/human-resource-management-ug-testamur-major/>)

International Business, Testamur Major (<https://hbook.westernsydney.edu.au/archives/2021-2022/majors-minors/international-business-ug-testamur-major/>)

Management, Testamur Major (<https://hbook.westernsydney.edu.au/archives/2021-2022/majors-minors/management-ug-pg-testamur-major/>)

Marketing, Testamur Major (<https://hbook.westernsydney.edu.au/archives/2021-2022/majors-minors/marketing-ug-testamur-major/>)

Sport Management, Testamur Major (<https://hbook.westernsydney.edu.au/archives/2021-2022/majors-minors/sport-management-ug-testamur-major/>)

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

Study Mode

Four years full-time.

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 |
|-----------------------------------|------------|----------|-----------|
| Bankstown Campus | Full Time | Internal | See above |
| Campbelltown Campus | Full Time | Internal | See above |
| Parramatta Campus - Victoria Road | Full Time | Internal | See above |

Accreditation

On completion of this Program graduates will be eligible for professional membership of the Australian Computer Society.

The following Business Majors are accredited:

- MT2024 Human Resource Management, Testamur Major is accredited with the Australian Human Resources Institute (AHRI);
- MT2021 Applied Finance, Testamur Major satisfies the educational requirements for membership of the Financial Services Institute of Australasia (Finsia);
- MT2027 Marketing, Testamur Major satisfies the educational requirements for recognition as a Certified Practising Marketer and eligibility for membership of the Australian Marketing Institute (AMI).

Association to Advance Collegiate Schools of Business (AACSB)

The business component of this program is accredited by the Association to Advance Collegiate Schools of Business (AACSB).

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 a mandatory work component required for completion of this program. Please contact the Program Advisor listed above for information.

International students should also refer to the link below for more information and a link to the Commonwealth Register of Institutions and Courses for Overseas Students (CRICOS).

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 units 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

Students who complete this award will graduate with a Bachelor of Information and Communications Technology and a Bachelor of Business, with the major from the Bachelor of Business component of the program noted on their testamur.

Bachelor of Information and Communications Technology Component

Students must complete 160 credit points of prescribed Bachelor of Information and Communications Technology subjects.

Business Component

Core Subjects (compulsory 40 credit points)

| Subject | Title | Credit Points |
|----------------------------|-----------------------------------|---------------|
| LAWS 1001 | Enterprise Law | 10 |
| BUSM 1010 | Financing Enterprises | 10 |
| BUSM 1006 | Enterprise Innovation and Markets | 10 |
| BUSM 1008 | Enterprise Leadership | 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, career planning, innovation, and enterprise engagement, a total of 40 credit points. Students are advised to choose subjects that will support careers in one of three areas:

- Money (for majors in Applied Finance, Economics)
- Markets (for majors in Hospitality Management, International Business, Marketing, and Sport Management)

- Management (for majors in Human Resource Management, and Management)

The professional subjects that are recommended for each of the Bachelor of Business testamur majors are specified in the majors.

Bachelor of Business Majors

Choose 80 credit points from one primary Business major. These are testamur majors.

Majors for Careers in Money

Applied Finance, Testamur Major (T038) (<https://hbook.westernsydney.edu.au/archives/2021-2022/majors-minors/applied-finance-ug-testamur-major/>)

Economics, Testamur Major (T039) (<https://hbook.westernsydney.edu.au/archives/2021-2022/majors-minors/economics-ug-testamur-major/>)

Majors for Careers in Markets

Human Resource Management, Testamur Major (T041) (<https://hbook.westernsydney.edu.au/archives/2021-2022/majors-minors/human-resource-management-ug-testamur-major/>)

International Business, Testamur Major (<https://hbook.westernsydney.edu.au/archives/2021-2022/majors-minors/international-business-ug-testamur-major/>)

Marketing, Testamur Major (<https://hbook.westernsydney.edu.au/archives/2021-2022/majors-minors/marketing-ug-testamur-major/>)

Majors for Careers in Management

Human Resource Management, Testamur Major (T041) (<https://hbook.westernsydney.edu.au/archives/2021-2022/majors-minors/human-resource-management-ug-testamur-major/>)

Management, Testamur Major (<https://hbook.westernsydney.edu.au/archives/2021-2022/majors-minors/management-ug-pg-testamur-major/>)

Major for Careers in Business Analytics

Business Analytics, Testamur Major (T130) (<https://hbook.westernsydney.edu.au/archives/2021-2022/majors-minors/business-analytics-ug-testamur-major/>)

Replaced Majors

The majors listed below count towards completion of this program for students who began studying these majors prior to the years indicated below.

MT2035 Hospitality Management, Testamur Major (<http://handbook.westernsydney.edu.au/hbook/specialisation.aspx?unitset=MT2035.1>), discontinued in 2020.

MT2027 Marketing, Testamur Major (<http://handbook.westernsydney.edu.au/hbook/specialisation.aspx?unitset=M1054.1>), replaced by Marketing, Testamur Major in 2021 (listed above).

Recommended Sequence

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

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

Note: students should follow the recommended sequence below and not the recommended sequence listed under each Bachelor of Business Major.

This progression pattern is highly recommended. Students progress through both degrees at the same pace, completing two subjects in each degree in each semester. Graduation after three years with either degree will be possible only if a student makes this decision at or before the end of Year 2 and amends their progression pattern as prescribed by an Academic Program Advisor.

| Course | Title | Credit Points |
|-----------------------------|-----------------------------------|---------------|
| Year 1 | | |
| Autumn session | | |
| INFS 1006 | Systems Analysis and Design | 10 |
| COMP 1005 | Programming Fundamentals | 10 |
| BBus core subject 1 | | 10 |
| BBus core subject 2 | | 10 |
| Credit Points | | 40 |
| Spring session | | |
| INFS 2001 | Database Design and Development | 10 |
| COMP 2015 | Programming Techniques | 10 |
| BBus core subject 3 | | 10 |
| BBus core subject 4 | | 10 |
| Credit Points | | 40 |
| Year 2 | | |
| Autumn session | | |
| INFS 2006 | Object Oriented Analysis | 10 |
| COMP 2020 | Technologies for Web Applications | 10 |
| BBus professional subject 1 | | 10 |
| BBus major subject 1 | | 10 |
| Credit Points | | 40 |
| Spring session | | |
| INFS 3017 | Web Systems Development | 10 |
| COMP 2004 | Computer Networking | 10 |
| BBus professional subject 2 | | 10 |
| BBus major subject 2 | | 10 |
| Credit Points | | 40 |
| Year 3 | | |
| Autumn session | | |
| COMP 3007 | Computer Networks and Internets | 10 |
| INFO 3003 | Human-Computer Interaction | 10 |
| BBus major subject 3 | | 10 |
| BBus major subject 4 | | 10 |
| Credit Points | | 40 |
| Spring session | | |
| COMP 3020 | Social Web Analytics | 10 |
| BICT pool subject | | 10 |
| BBus major subject 5 | | 10 |
| BBus major subject 6 | | 10 |
| Credit Points | | 40 |
| Year 4 | | |
| Autumn session | | |
| INFO 3008 | Professional Development | 10 |
| COMP 3015 | Operating Systems Programming | 10 |
| BBus professional subject 3 | | 10 |

| | | |
|-----------------------------|-------------------------|------------|
| BBus major subject 7 | | 10 |
| Credit Points | | 40 |
| Spring session | | |
| COMP 3018 | Professional Experience | 10 |
| BICT pool subject | | 10 |
| BBus professional subject 4 | | 10 |
| BBus major subject 8 | | 10 |
| Credit Points | | 40 |
| Total Credit Points | | 320 |

BICT 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 |