DIPLOMA IN INFORMATION AND COMMUNICATIONS TECHNOLOGY / BACHELOR OF INFORMATION SYSTEMS (6040)

Approved Abbreviation: DipICT/BInfoSys
Western Sydney University Program Code: 6040
AQF Level: 7

CRICOS Code: 096986C

This program applies to students who commenced in Term 1, 2018 or later.

This program will allow students to complete the Diploma in Information and Communications Technology together with the Bachelor of Information Systems. In addition to providing core competencies in technology related skills, the Diploma in ICT will also prepare students to study and research at the University level in the supportive environment.

Information Systems is a growing field. Each technology implementation requires careful planning, business analysis and the identification of goals systems implemented would need to meet, so that organisations and groups can achieve required goals. By undertaking this program students will also learn about database implementations, programming, web and mobile developments, networking, systems deployment, social media, data analytics and security. This program will also give students the opportunity to learn and engage with business while undertaking their program.

The first year of this program is delivered by Western Sydney University The College, as an agent of Western Sydney University, via extended face-to-face hours in smaller learning environments.

This program has the exit point Diploma in Information and Communications Technology at the end of the first year.

For more information on Western Sydney University, The College, please refer to their web site.

Western Sydney University, The College (https://www.westernsydney.edu.au/future/study/application-pathways/the-college.html)

Early Exit

Students may exit this program on completion of 100 credit points with a 7163 Diploma in Information and Communications Technology (https://hbook.westernsydney.edu.au/archives/2023-2024/programs/diploma-information-communications-technology/)

Study Mode

Three years full-time or six years part-time.

Students will be required to attend the Kingswood or Parramatta South campus for some learning experiences.

Program Advice

For program advice during your first year of study, please contact The College: College Program Enquiries (AdminApp@westernsydney.edu.au)

For program advice during your second and subsequent years of study, please use the contact listed for the Bachelor of Information Systems (https://hbook.westernsydney.edu.au/archives/2023-2024/programs/bachelor-information-systems/).

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
Parramatta Campus - Victoria Road[2]	Full Time	Internal	See above
The College - Nirimba Education Precinct[1]	Full Time	Internal	See above

[1] Students will study at the WSU The College Nirimba campus in their first year of study.
[2] From second year onwards, students will study on Parramatta (Victoria Rd) campus.

Accreditation

The Bachelor of Information Systems is accredited by the Australian Computer Society.

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

For more information on applying please see link to The College admission pages below.

https://www.westernsydney.edu.au/thecollege/how_to_apply (https://www.westernsydney.edu.au/thecollege/how_to_apply/)

Domestic students are required to have:

- Completed an English subject in the NSW Higher School Certificate, or
- Competency in English at IELTS 6.0 equivalent (unless a native speaker), or
- Passed The College English test at IELTS 6.0 equivalent, or

- Passed The College Foundation Studies Academic English subject at C grade level or higher.

Students are also assumed to have completed a Mathematics subject, equivalent to the Mathematics subject in the NSW Higher School Certificate.

Met other entry requirements such as:

- An ATAR identified prior to the offer of a place, or
- Completed The College Foundation Studies program with a Grade Point Average of 5.5 or higher.

International students must satisfy one of the following language requirements

- IELTS 6.0 with a minimum 5.5 in each sub band, or
- Completed the College EAP 4 program with a 50% pass, or
- Passed The College English test at IELTS 6.0 equivalent, or
- Passed The College Foundation Studies Academic English subject at C grade level or higher for which advanced standing can be applied for.

Academic Entry Requirements vary according to country of origin. However, in general:

- Completion of Year 12 or its equivalent is the minimum entry requirement, or
- Completed The College Foundation Studies program with a Grade Point Average of 5.5 or higher.

Recommended Sequence

Qualification for this award requires the successful completion of 260 credit points which include the subjects listed in the recommended sequence below.

Western Sydney University The College Subjects

Nirimba and Parramatta City (George Street) Campus

Please note that all campuses may not have intakes each year.

Course	Title	Credit Points
Trimester 1		
GEDU 0010	Tertiary Study Skills in Information and Communications Technology (WSTC Prep)	0
COMP 0003	Programming Design (WSTC Prep)	5
MATH 0008	Mathematics 2 (WSTC Prep)	10
COMM 1027	Principles of Professional Communication 1 (WSTC)	10
INFS 1003	Information Systems in Context (WSTC)	10
	Credit Points	**35**
Trimester 2		
MATH 0028	Statistics for Academic Purposes (WSTC Prep)	5
INFS 1007	Systems Analysis and Design (WSTC)	10
COMP 1006	Programming Fundamentals (WSTC)	10
INFS 2003	Database Design and Development (WSTC)	10
	Credit Points	**35**
Trimester 3		
COMP 2006	Computer Networking (WSTC)	10
MATH 1029	Statistical Decision Making (WSTC)	10

Course	Title	Credit Points
MATH 2013	Object Oriented Analysis (WSTC)	
From Term 2 2022 MATH 2013 replaced by INFS 2011		10
INFS 2011	Object Oriented Analysis (WSTC)	
	Credit Points	**30**
	Total Credit Points	**100**

Students may exit at this point and graduate with the Diploma in ICT following a passing grade in all of the above subjects.

Students who progress to Year Two may also be awarded the Diploma if they gain a passing grade in all of the above subjects.

- Students must pass all College Preparatory subjects before progressing to the Year Two subjects.
- Students must pass at least 70 credit points of University level subjects in Year One before progressing to the Year Two subjects.

Western Sydney University Subjects

For program advice during your second and subsequent years of study, please use the contact listed for the Bachelor of Information Systems.

Bachelor of Information Systems (https://hbook.westernsydney.edu.au/archives/2023-2024/programs/bachelor-information-systems/)

Parramatta (Victoria Road) Campus

Course	Title	Credit Points
Year 2		
Autumn session		
COMP 2020	Technologies for Web Applications	10
INFO 3003	Human-Computer Interaction	10
Select two electives		20
	Credit Points	**40**
Spring session		
INFO 3001	Computer Security	10
INFS 3012	Information Systems Deployment and Management	10
COMP 3013	Mobile Applications Development	10
Select one elective		10
	Credit Points	**40**
Year 3		
Autumn session		
INFO 3008	Professional Development	10
INFS 3006	Emerging Trends in Information Systems	10
Select two electives		20
	Credit Points	**40**
Spring session		
COMP 3018	Professional Experience	10
INFO 3011	Social Computing	10
Select two electives		20
	Credit Points	**40**
	Total Credit Points	**160**

Suggested Majors and Minors
Majors

Parramatta Campus

Big Data, Major (0144) (https://hbook.westernsydney.edu.au/archives/2023-2024/majors-minors/big-data-major/)

Entertainment Computing, Major (0145) (https://hbook.westernsydney.edu.au/archives/2023-2024/majors-minors/entertainment-computing-major/)

Health Informatics

Mathematics, Major (0059) (https://hbook.westernsydney.edu.au/archives/2023-2024/majors-minors/mathematics-major/)

Mobile Computing, Major (0146) (https://hbook.westernsydney.edu.au/archives/2023-2024/majors-minors/mobile-computing-major/)

Networking, Major (0040) (https://hbook.westernsydney.edu.au/archives/2023-2024/majors-minors/networking-major/)

Minors

Parramatta Campus

Entertainment Computing, Minor (0145) (https://hbook.westernsydney.edu.au/archives/2023-2024/majors-minors/entertainment-computing-minor/)

Health Informatics, Minor (0037) (https://hbook.westernsydney.edu.au/archives/2023-2024/majors-minors/health-informatics-minor/)

Mathematics, Minor (0059) (https://hbook.westernsydney.edu.au/archives/2023-2024/majors-minors/mathematics-minor/)

Mobile Computing, Minor (0146) (https://hbook.westernsydney.edu.au/archives/2023-2024/majors-minors/mobile-computing-minor/)

Networking, Minor (0040) (https://hbook.westernsydney.edu.au/archives/2023-2024/majors-minors/networking-minor/)

Social Media Analytics, Minor (0147) (https://hbook.westernsydney.edu.au/archives/2023-2024/majors-minors/social-media-analytics-minor/)

Systems Administration, Minor (0149) (https://hbook.westernsydney.edu.au/archives/2023-2024/majors-minors/systems-administration-minor/)

Systems Security, Minor (0150) (https://hbook.westernsydney.edu.au/archives/2023-2024/majors-minors/systems-security-minor/)

Web Application Development (for Computing Students), Minor (0151) (https://hbook.westernsydney.edu.au/archives/2023-2024/majors-minors/web-application-development-for-computing-students-minor/)

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

SM3089 Statistics, Minor (http://handbook.westernsydney.edu.au/hbook/specialisation.aspx?unitset=SM3089.1), discontinued 2020