DIPLOMA/BACHELOR OF INFORMATION AND COMMUNICATIONS TECHNOLOGY (HEALTH INFORMATION MANAGEMENT) (6038)

Approved Abbreviation: DipICT/BICT(HIM)
Western Sydney University Program Code: 6038
AQF Level: 7

CRICOS Code: 096984E

This program is suspended from Term 1, 2025, no new students will be admitted from this session.

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

The increasing use of electronic health records requires the accurate and efficient capture, maintenance, security and reporting of health information and the Bachelor of Information Communications Technology (Health Information Management) program will provide students with the knowledge and skills required to build software systems and undertake roles relating to the classification, coding and management of health information within a healthcare setting.

This program will offer students the opportunity to seek employment in health information management and/or clinical coding, recognised as workforce skills shortage areas. Specific content areas addressed include Health Informatics, Systems Analysis and Design, Medical Terminology, Database Design and Development, Healthcare Data Environments, Clinical Classification and Coding, Programming, Web Development, Computer Networking, Health Service Management, Activity Based Funding and Data Quality and Healthcare Software and Systems.

The program also offers direct industry experience via a 20-day work placement.

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.

A Diploma in Information and Communications Technology (Health Information Management) is also available as an exit point at the end of the first year of the program.

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 7164 Diploma in Information and Communications Technology (Health Information Management) (exit only) (https://hbook.westernsydney.edu.au/archives/2024-2025/programs/diploma-information-communications-technology-health-information-management/)

Study Mode

Three years full-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 use the contact below

Miriam Krakovska (m.krakovska@westernsydney.edu.au)

For program advice during your second and subsequent years of study, please use the Program Advice contact for the School of Computer, Data and Mathematical Sciences.

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

[1] Students will study at WSU The College Nirimba campus in their first year of study.
[2] From second year onwards, students will study at either Campbelltown, Parramatta or Penrith campus.

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 Campus

Course	Title	Credit Points
Year 1		
Term 1 of study		
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 2005	Introduction to Health Informatics (WSTC)	10
Term 2 of study		
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
Term 3 of study		
COMP 2006	Computer Networking (WSTC)	10
MATH 1029	Statistical Decision Making (WSTC)	10
COMP 2017	Programming Techniques (WSTC)	10
	Credit Points	**100**
	Total Credit Points	**100**

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

Students who progress to Year 2 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 and Communications Technology (Health Information Management).

Bachelor of Information and Communications Technology (Health Information Management) (https://hbook.westernsydney.edu.au/archives/2024-2025/programs/bachelor-information-communications-technology-health-information-management/)

Campbelltown, Parramatta (Victoria Road) and Penrith Campus

Course	Title	Credit Points
Year 2		
Autumn session		
COMP 2020	Technologies for Web Applications	10
COMP 3007	Computer Networks and Internets	10
INFS 2006	Object Oriented Analysis	10
HLTH 2007	Fundamentals of Medical Concepts and Terminology	10
	Credit Points	**40**
Spring session		
INFS 3017	Web Systems Development	10
COMP 3020	Social Web Analytics	10
INFS 3010	Healthcare Data Environments	10
BUSM 2020	Health Services Management	10
	Credit Points	**40**
Year 3		
Autumn session		
INFO 3003	Human-Computer Interaction	10
INFO 3008	Professional Development	10
PUBH 2004	Clinical Classification and Coding	10
BUSM 3015	Health Services Management Practice	10
	Credit Points	**40**

Spring session

COMP 3018	Professional Experience	10
INFS 3011	Healthcare Software and Systems	10
INFS 3002	Advanced Clinical Classification	10
INFS 3001	Activity Based Funding/Casemix and Data Quality	10
	Credit Points	**40**
	Total Credit Points	**160**