



# BACHELOR OF INFORMATION AND COMMUNICATIONS TECHNOLOGY (HEALTH INFORMATION MANAGEMENT) (3711)

The increasing use of electronic health records requires the accurate and efficient capture, maintenance, security and reporting of health information. This 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.

With direct industry experience through 140 hours of work placement, the program offers 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.

**Entry via:** International students apply direct to Western Sydney University. [www.westernsydney.edu.au/international/apply](http://www.westernsydney.edu.au/international/apply)

**Accreditation:** Australian Computer Society at Professional Level

## INVENT YOUR CAREER

Learn how to build software systems, take on roles in classification, coding and management of health information.

Experience virtual reality with Liquid Galaxy, Google Cardboard and Oculus Rift. Combine theory with real-world experience.

Analyse and develop applications. Be innovative. And shape an unlimited future.

For program advice, please email [CDMS@westernsydney.edu.au](mailto:CDMS@westernsydney.edu.au)

## PROGRAM STRUCTURE

### YEAR 1

#### SESSION 1 AUTUMN

SUBJECT CODE	SUBJECT TITLE
COMP 1005	Programming Fundamentals
INFO 1003	Professional Practice, Communication and Ethics
BUSM 1037	Health Administration and Management
INFS 2004	Introduction to Health Informatics

#### SESSION 2 SPRING

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

### YEAR 2

#### SESSION 3 AUTUMN

HUMN 1013	Contextualising Indigenous Australia (Day Mode)
HLTH 2007	Fundamentals of Medical Concepts and Terminology
MATH 1038	Mathematics for Computing
MATH 1030	Statistics for Business

#### SESSION 4 SPRING

COMP 3028	Software Construction
INFS 3011	Healthcare Software and Systems
INFS 3010	Healthcare Data Environments
INFO 3019	Project Management

### YEAR 3

#### SESSION 5 AUTUMN

COMP 2027	Cyber Security
COMP 3012	Introduction to Cloud Computing
PUBH 2004	Clinical Classification and Coding
BUSM 2044	Health Service Management

#### SESSION 6 SPRING

INFS 3002	Advanced Clinical Classification
INFS 3001	Activity Based Funding/Casemix and Data Quality
COMP 2025	Introduction to Data Science
COMP 3018	Professional Experience

PROGRAM	CRICOS CODE	WS CODE	INTAKE	LOCATION	DURATION
B Information and Communications Technology (Health Information Management)	110874A	3711	March	Campbelltown	3F
	110874A	3711	March	Parramatta	3F
	110874A	3711	March	Penrith	3F

**Key:** B = Bachelor of; F = Full-time.

CRICOS PROVIDER 00917K

For more information, please call the Course Information Centre on **1300 897 669** or email [study@westernsydney.edu.au](mailto:study@westernsydney.edu.au)