

# HEALTH INFORMATICS, MAJOR (0037)

Western Sydney University Major Code: 0037

Previous Code: M3097.1

## Available to students in other Western Sydney University

**Programs:** Yes. Check that your program has the available credit points required to complete the subjects in this field of study. Any requisite requirements must also be met. Consult your Program Advisor for further advice.

Increasingly, healthcare information is being captured electronically and newer technology modes are being applied in many innovative ways to support efficient and effective clinical care. This major aims to promote understanding of Information and Communications Technology (ICT) concepts in healthcare including electronic healthcare records; healthcare data analysis; fundamentals of medicine concepts and disease classification; healthcare system interoperability and design. This specialisation will prepare students for the ICT challenges ahead in the healthcare domain, and equip students with the knowledge and skills for taking up employment opportunities with major public and private healthcare providers and technology suppliers.

## Location

Campus	Mode	Advice
Penrith Campus	Internal	CDMS@westernsydney.edu.au

## Major Structure

Students must complete 80 credit points as follows

Subject	Title	Credit Points
PUBH 2004	Clinical Classification and Coding	10
INFS 2001	Database Design and Development	10
HLTH 2007	Fundamentals of Medical Concepts and Terminology	10
INFS 3010	Healthcare Data Environments	10
INFS 3011	Healthcare Software and Systems	10
INFO 3003	Human-Computer Interaction	10
INFS 2004	Introduction to Health Informatics	10
INFS 1006	Systems Analysis and Design	10
<b>Total Credit Points</b>		<b>80</b>

## Related Programs

B Computing

Bachelor of Data Science (3769) (<https://hbook.westernsydney.edu.au/archives/2021-2022/programs/bachelor-data-science/>)

Bachelor of Information and Communications Technology (3639) (<https://hbook.westernsydney.edu.au/archives/2021-2022/programs/bachelor-information-communications-technology/>)

Bachelor of Information and Communications Technology (Advanced) (3684) (<https://hbook.westernsydney.edu.au/archives/2021-2022/programs/bachelor-information-communications-technology-advanced/>)

Bachelor of Information Systems (3687) (<https://hbook.westernsydney.edu.au/archives/2021-2022/programs/bachelor-information-systems/>)

Bachelor of Information Systems Advanced (3688) (<https://hbook.westernsydney.edu.au/archives/2021-2022/programs/bachelor-information-systems-advanced/>)

Diploma/Bachelor of Information and Communications Technology (6039) (<https://hbook.westernsydney.edu.au/archives/2021-2022/programs/diploma-bachelor-information-communications-technology/>)

Diploma in Information and Communications Technology / Bachelor of Information Systems (6040) (<https://hbook.westernsydney.edu.au/archives/2021-2022/programs/diploma-information-communications-technology-bachelor-information-systems/>)