

HEALTH INFORMATICS, TESTAMUR MAJOR (T007)

Western Sydney University Major Code: T007

Previous Code: ST3091.1

Available to students in other Western Sydney University programs?

No

The widespread adoption of ICT solutions within the health sector and related developments such as electronic health records and health systems interoperability have created a need for ICT professionals who understand their context and are well equipped to operate within it. This major is aimed at developing knowledge and skills in theoretical concepts and practical technologies needed to design and develop complex software applications across a range of eHealth settings. Students with these knowledge and skills will have greater prospects of finding employment with major healthcare providers or building their career as self-employed developers.

Major Structure

Students in Master of Information and Communications Technology and Master of Information and Communications Technology (Advanced) complete the following

Subject	Title	Credit Points
Students must complete the following three subjects:		
PUBH 7001	Advanced Health Classifications and Coding	10
INFS 7001	Advanced Healthcare Data Environments	10
INFS 7002	Advanced Healthcare Software and Systems	10
Select one of the following:		10
COMP 7016	Visualisation	
MATH 7016	The Nature of Data	
Total Credit Points		40

Students in Master of Data Science complete the following

Subject	Title	Credit Points
PUBH 7001	Advanced Health Classifications and Coding	10
INFS 7001	Advanced Healthcare Data Environments	10
INFS 7002	Advanced Healthcare Software and Systems	10
INFS 7007	Systems Analysis and Database Management Systems	10
Total Credit Points		40

Related Programs

Master of Information and Communications Technology (3699) (<https://hbook.westernsydney.edu.au/archives/2021-2022/programs/master-information-communications-technology/>)

Master of Information and Communications Technology (Advanced) (3698) (<https://hbook.westernsydney.edu.au/archives/2021-2022/programs/master-information-communications-technology-advanced/>)