

# HEALTH SCIENCE MODELLING AND RESEARCH, TESTAMUR MAJOR (T141)

Western Sydney University Major Code: T141

**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.

In this Field of Study students investigate the structure and operation of the health care system, and how data modelling can be applied to support effective decision-making. Management and change issues in health care are considered from the perspective of data generation, management, and communication to enable system operation and enhancement, such as tele-health and tele-medicine. Applied research findings enable students to use health informatics to inform management and decision making in the health care environment.

Campus	Attendance	Mode	Advice
Parramatta Campus - Victoria Road		Internal	Dr Sadia Hossain ( <a href="https://directory.westernsydney.edu.au/search/name/Sadia%20Hossain%20/">https://directory.westernsydney.edu.au/search/name/Sadia%20Hossain%20/</a> )

Students must complete 40 credit points as follows

Subject	Title	Credit Points
Core subjects		
PUBH 7031	Health Systems and Policy	10
HLTH 7025	Healthcare Data for Decision-Making	10
PUBH 7030	Health Systems Planning and Evaluation	10
INFS 7001	Advanced Healthcare Data Environments	10
<b>Total Credit Points</b>		<b>40</b>

Master of Data Science (<https://hbook.westernsydney.edu.au/archives/2024-2025/programs/master-data-science/>)