# **PUBLIC HEALTH, TESTAMUR MAJOR (T021)**

Western Sydney University Major Code: T021

Previous Code: MT4003.1

#### **Bachelor of Health Science**

Available to students in other Western Sydney University programs?

Public health is the science of disease prevention, prolonging life and improving health for individuals and their communities. This work is achieved by promoting healthy lifestyles, researching disease prevention, conducting population health assessment and measurement, improving environmental health, engaging the community and detecting, preventing and responding to infectious diseases. Public Health graduates work in a variety of settings, including national and state health departments, community organisations and the global health sector. The Public Health major builds a student's knowledge of the biological, social, cultural, economic and physical factors that underpin the health of a population and how to promote health for all. Students will also develop and use skills in epidemiology and biostatistics, surveillance and prevention, and public health policy. The major includes 140 hours of professional practice placement. This Testamur Major will be identified on the Student's Testamur following completion of the course.

#### Location

Location				Credit Points	40
Campus	Mode	Advice	Spring session		
Campbelltown Campus	Internal	HealthSciences@western	sCOMM 1007	Communication in Health	10
On	line	HealthSciences@western	s <b>ydrey.edu</b> 2au	Evidence in Health	10
Sydney City Campus*	Internal	Dr Andrey Zheluk (https://	BIOS 1036	Human Development and Disease across the lifespan	10
		directory.westernsydney.e	dHL944 2022	Biostatistics in Health	10
	search/email/ a.zheluk@city.wester	a.zheluk@city.westernsyd	ney.edu.au) <b>Year 2</b>	Credit Points	40

<sup>\*</sup> Curriculum delivered through an agreement with another party

# Master of Data Science

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.

Analysis of public health data allows us to track diseases and examine the effect of interventions. This Field of Study teaches students the fundamentals of biostatistics and epidemiology and branches out into aspects of social health, health policy, disaster planning, and communicable diseases.

Location			PUBH 3028	Transforming Health	10
Campus Mode		Advice	PUBH 3027	Public Health in a Changing World	10
Online		Dr Sadia	Select two electiv	/es	20
	Offilite	Hossain (https://		Credit Points	40
		directory.westernsydney.	ed <b>Spring session</b>		
		search/name/Sadia %20Hossain%20/)	MEDI 3007	Professional Health Placement	10

Parramatta Campus -	Internal	Dr Sadia
Victoria Road		Hossain (https://
		directory.westernsydney.edu.au/
		search/name/Sadia
		%20Hossain%20/)

#### **Inherent Requirements**

The Inherent requirement for the Master of Health Sciences will apply to this Field of Study: https:// www.westernsydney.edu.au/ir/inherent\_requirements/

inherent\_requirements\_for\_master\_of\_public\_health\_and\_master\_of\_health\_science (https://www.westernsydney.edu.au/ir/inherent\_requirements/

inherent\_requirements\_for\_master\_of\_public\_health\_and\_master\_of\_health\_science

# **Major Structure**

Select the link for your program below to see details of the major

### **Bachelor of Health Science**

#### **Full-time start-year intake**

Course	Title	Credit Points
Year 1		
Autumn session		
PUBH 1006	Population Health and Society	10
HLTH 1013	Professional Competencies in Health	10
BIOS 1035	Anatomy and Physiology in Health	10
PUBH 1012	Public Health	10
	Credit Points	40
Spring session		
SCOMM 1007	Communication in Health	10
s <b>yd<u>r</u>ey.edu</b> 2au	Evidence in Health	10
BIOS 1036	Human Development and Disease across	10

PUBH 2005 PUBH 2020	Culture, Diversity and Health Epidemiology for Public Health	10 10
Select two elective		20
	Credit Points	40
Spring session		
PUBH 3025	Health Policy and Advocacy	10
BEHV 1014	Psychology and Health	10
PUBH 3024	Harm Minimisation and Prevention	10
Select one elective		10
	Credit Points	40
Year 3		
Autumn session		
PUBH 3028	Transforming Health	10
PUBH 3027	Public Health in a Changing World	10
Select two elective	es	20
	Credit Points	40

	Credit Points	40
	Total Credit Points	240
Full-time mid-ye	ear intake	
Course	Title	Credit Points
Year 1		
Spring session		
COMM 1007	Communication in Health	10
HLTH 1012	Evidence in Health	10
HLTH 1013	Professional Competencies in Health	10
HLTH 2022	Biostatistics in Health	10
	Credit Points	40
Autumn session		
PUBH 1006	Population Health and Society	10
BIOS 1035	Anatomy and Physiology in Health	10
PUBH 1012	Public Health	10
Select one elective		10
	Credit Points	40
Year 2		
Spring session		
PUBH 3025	Health Policy and Advocacy	10
PUBH 3024	Harm Minimisation and Prevention	10
BEHV 1014	Psychology and Health	10
BIOS 1036	Human Development and Disease across the lifespan	10
	Credit Points	40
Autumn session		
PUBH 2005	Culture, Diversity and Health	10
PUBH 2020	Epidemiology for Public Health	10
Select two electives		20
	Credit Points	40
Year 3		
Spring session		
MEDI 3007	Professional Health Placement	10
Select three elective	s	30
	Credit Points	40
Autumn session		
PUBH 3028	Transforming Health	10
PUBH 3027	Public Health in a Changing World	10
Select two electives		20
	Credit Points	40
	Total Credit Points	240

# Diploma in Health Science/Bachelor of Health Science Full-time start-year intake

Course	Title	Credit Points
Year 1		
Trimester 1		
PUBH 1007	Population Health and Society (WSTC)	10
HLTH 0005	The Health Science Professional (WSTC Prep)	10
NATS 0006	Fundamentals of Health Science (WSTC Prep)	10

	Total Credit Points	260
	Credit Points	40
Select three elective	s	30
MEDI 3007	Professional Health Placement	10
Spring session		-10
	Credit Points	40
Select two electives	abile fication in a changing world	20
PUBH 3027	Public Health in a Changing World	10
Autumn session PUBH 3028	Transforming Health	10
Year 3		
	Credit Points	40
Select one elective		10
HLTH 2022	Biostatistics in Health	10
PUBH 3024	Harm Minimisation and Prevention	10
PUBH 3025	Health Policy and Advocacy	10
Spring session	Credit Pollits	40
Select two electives	Credit Points	40
Select two electives	Epidemiology for Public Health	20
PUBH 1012 PUBH 2020	Public Health	10 10
Autumn session	Dublic Heelth	10
Year 2		
V0	Credit Points	30
PUBH 2006	Culture, Diversity and Health (WSTC)	10
COMM 1008	Communication in Health (WSTC)	10
	the Lifespan (WSTC)	
BIOS 1037	Human Development and Disease across	10
Trimester 3	Credit Points	30
BIOS 1038	Anatomy and Physiology in Health (WSTC)	10
HLTH 1014	Evidence in Health (WSTC)	10
BEHV 1015	Psychology and Health (WSTC)	10
Trimester 2		
	Credit Points	40
HLTH 1015	Professional Competencies in Health (WSTC)	10

# Diploma in Health Science/Bachelor of Health Science Full-time mid-year intake

Course	Title	Credit Points
Year 1		
Trimester 2		
HLTH 1015	Professional Competencies in Health (WSTC)	10
HLTH 0005	The Health Science Professional (WSTC Prep)	10
PUBH 1007	Population Health and Society (WSTC)	10
NATS 0006	Fundamentals of Health Science (WSTC Prep)	10
	Credit Points	40
Trimester 3		
BIOS 1037	Human Development and Disease across the Lifespan (WSTC)	10
COMM 1008	Communication in Health (WSTC)	10

Credit Points   36	PUBH 2006	Culture, Diversity and Health (WSTC)	10
Trimester 1           BIOS 1038         Anatomy and Physiology in Health (WSTC)           HLTH 1014         Evidence in Health (WSTC)         10           BEHV 1015         Psychology and Health (WSTC)         10           Credit Points         30           Year 2           Spring session           HLTH 2022         Biostatistics in Health         10           Select three electives         40           Credit Points         40           Autumn session           PUBH 1012         Public Health         10           Select two electives         20           Credit Points         40           Year 3           Spring session           MEDI 3007         Professional Health Placement         10           PUBH 3025         Health Policy and Advocacy         10           PUBH 3024         Harm Minimisation and Prevention         10           Select one elective         Credit Points         40           Autumn session         PUBH 3028         Transforming Health         10           PUBH 3027         Public Health in a Changing World         10           Select two e	1 0511 2000		
BIOS 1038 Anatomy and Physiology in Health (WSTC)  HLTH 1014 Evidence in Health (WSTC) 10  BEHV 1015 Psychology and Health (WSTC) 10  Credit Points 36  Year 2  Spring session  HLTH 2022 Biostatistics in Health 11  Select three electives 36  Credit Points 40  Autumn session  PUBH 1012 Public Health 10  Select two electives 20  Credit Points 40  Year 3  Spring session  MEDI 3007 Professional Health Placement 10  PUBH 3025 Health Policy and Advocacy 10  PUBH 3024 Harm Minimisation and Prevention 10  Select one elective 10  Credit Points 40  Autumn session  PUBH 3024 Transforming Health 11  Select one elective 10  Credit Points 40  Autumn session  PUBH 3028 Transforming Health 11  PUBH 3027 Public Health in a Changing World 10  Select two electives 20  Credit Points 40	Trimactor 1	Credit Forits	30
(WSTC)         HLTH 1014       Evidence in Health (WSTC)       10         BEHV 1015       Psychology and Health (WSTC)       10         Credit Points       30         Vear 2         Spring session         HLTH 2022       Biostatistics in Health       10         Select three electives       40         Autumn session         PUBH 1012       Public Health       10         Select two electives       20         Credit Points       40         Year 3         Spring session         MEDI 3007       Professional Health Placement       10         PUBH 3025       Health Policy and Advocacy       10         PUBH 3024       Harm Minimisation and Prevention       10         Select one elective       10         Credit Points       40         Autumn session         PUBH 3028       Transforming Health       10         Credit Points       40         Credit Points       40         Credit Points       40		Anatomy and Physiology in Hoalth	10
Select two electives	BIOS 1036		10
Credit Points  Year 2  Spring session  HLTH 2022 Biostatistics in Health  Select three electives  Credit Points  40  Autumn session  PUBH 1012 Public Health  PUBH 2020 Epidemiology for Public Health  Select two electives  Credit Points  40  Autumn session  PUBH 3020 Epidemiology for Public Health  Credit Points  Year 3  Spring session  MEDI 3007 Professional Health Placement  PUBH 3025 Health Policy and Advocacy  PUBH 3024 Harm Minimisation and Prevention  Select one elective  Credit Points  40  Autumn session  PUBH 3028 Transforming Health  PUBH 3027 Public Health in a Changing World  Select two electives  Credit Points  40  Credit Points  40  Credit Points	HLTH 1014	Evidence in Health (WSTC)	10
Year 2           Spring session           HLTH 2022         Biostatistics in Health         10           Select three electives         30           Credit Points         40           Autumn session           PUBH 1012         Public Health         10           PUBH 2020         Epidemiology for Public Health         10           Select two electives         20           Credit Points         40           Year 3         Spring session         40           MEDI 3007         Professional Health Placement         10           PUBH 3025         Health Policy and Advocacy         10           PUBH 3024         Harm Minimisation and Prevention         10           Select one elective         10           Credit Points         40           Autumn session         40           PUBH 3028         Transforming Health         10           PUBH 3027         Public Health in a Changing World         10           Select two electives         20           Credit Points         40	BEHV 1015	Psychology and Health (WSTC)	10
Spring session  HLTH 2022 Biostatistics in Health 10 Select three electives 30  Credit Points 40  Autumn session  PUBH 1012 Public Health 10 Select two electives 20  Credit Points 40  Vear 3  Spring session  MEDI 3007 Professional Health Placement 10 PUBH 3025 Health Policy and Advocacy 10 PUBH 3024 Harm Minimisation and Prevention 10 Select one elective 10  Credit Points 40  Autumn session  PUBH 3028 Transforming Health 10 Select two electives 20  Credit Points 40  Select two electives 20  Credit Points 40  Autumn session  PUBH 3027 Public Health in a Changing World 10 Select two electives 20  Credit Points 40		Credit Points	30
HLTH 2022 Biostatistics in Health  Select three electives  Credit Points  Autumn session  PUBH 1012 Public Health  PUBH 2020 Epidemiology for Public Health  Select two electives  Credit Points  40  Credit Points  41  Credit Points  Year 3  Spring session  MEDI 3007 Professional Health Placement  PUBH 3025 Health Policy and Advocacy  PUBH 3024 Harm Minimisation and Prevention  Select one elective  Credit Points  40  Autumn session  PUBH 3028 Transforming Health  PUBH 3027 Public Health in a Changing World  Select two electives  Credit Points  40  Credit Points  40  Credit Points  40  Credit Points  Autumn session  PUBH 3027 Public Health in a Changing World  Select two electives  Credit Points  40  Credit Points	Year 2		
Credit Points  Autumn session  PUBH 1012  Public Health  10  Select two electives  Credit Points  40  Credit Points  Public Health  10  Select two electives  Credit Points  Year 3  Spring session  MEDI 3007  Professional Health Placement  PUBH 3025  Health Policy and Advocacy  PUBH 3024  Harm Minimisation and Prevention  Select one elective  Credit Points  40  Autumn session  PUBH 3028  Transforming Health  PUBH 3027  Public Health in a Changing World  Select two electives  Credit Points  40  Credit Points  40  Credit Points	Spring session		
Credit Points  Autumn session  PUBH 1012 Public Health 10  PUBH 2020 Epidemiology for Public Health 10  Select two electives 20  Credit Points 40  Year 3  Spring session  MEDI 3007 Professional Health Placement 10  PUBH 3025 Health Policy and Advocacy 10  PUBH 3024 Harm Minimisation and Prevention 10  Select one elective 10  Credit Points 40  Autumn session  PUBH 3028 Transforming Health 10  PUBH 3027 Public Health in a Changing World 10  Select two electives 20  Credit Points 40	HLTH 2022	Biostatistics in Health	10
Autumn session           PUBH 1012         Public Health         10           PUBH 2020         Epidemiology for Public Health         10           Select two electives         20           Credit Points         40           Year 3           Spring session           MEDI 3007         Professional Health Placement         10           PUBH 3025         Health Policy and Advocacy         10           PUBH 3024         Harm Minimisation and Prevention         10           Select one elective         10           Credit Points         40           Autumn session           PUBH 3028         Transforming Health         10           PUBH 3027         Public Health in a Changing World         10           Select two electives         20           Credit Points         40	Select three elective	s	30
PUBH 1012         Public Health         10           PUBH 2020         Epidemiology for Public Health         10           Select two electives         20           Credit Points         40           Year 3           Spring session           MEDI 3007         Professional Health Placement         10           PUBH 3025         Health Policy and Advocacy         10           PUBH 3024         Harm Minimisation and Prevention         10           Select one elective         40           Autumn session           PUBH 3028         Transforming Health         10           PUBH 3027         Public Health in a Changing World         10           Select two electives         20           Credit Points         40		Credit Points	40
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Credit Points         20           Credit Points         40           Year 3           Spring session           MEDI 3007         Professional Health Placement         10           PUBH 3025         Health Policy and Advocacy         10           PUBH 3024         Harm Minimisation and Prevention         10           Select one elective         10           Credit Points         40           Autumn session           PUBH 3028         Transforming Health         10           PUBH 3027         Public Health in a Changing World         10           Select two electives         20           Credit Points         40	PUBH 1012	Public Health	10
Credit Points         40           Year 3         Spring session           MEDI 3007         Professional Health Placement         10           PUBH 3025         Health Policy and Advocacy         10           PUBH 3024         Harm Minimisation and Prevention         10           Select one elective         10           Credit Points         40           Autumn session         10           PUBH 3028         Transforming Health         10           PUBH 3027         Public Health in a Changing World         10           Select two electives         20           Credit Points         40	PUBH 2020	Epidemiology for Public Health	10
Year 3         Spring session         MEDI 3007       Professional Health Placement       10         PUBH 3025       Health Policy and Advocacy       10         PUBH 3024       Harm Minimisation and Prevention       10         Select one elective       10         Credit Points       40         Autumn session         PUBH 3028       Transforming Health       10         PUBH 3027       Public Health in a Changing World       10         Select two electives       20         Credit Points       40	Select two electives		20
Spring session  MEDI 3007 Professional Health Placement 10  PUBH 3025 Health Policy and Advocacy 10  PUBH 3024 Harm Minimisation and Prevention 10  Select one elective 10  Credit Points 40  Autumn session  PUBH 3028 Transforming Health 10  PUBH 3027 Public Health in a Changing World 10  Select two electives 20  Credit Points 40		Credit Points	40
MEDI 3007 Professional Health Placement 10 PUBH 3025 Health Policy and Advocacy 10 PUBH 3024 Harm Minimisation and Prevention 10 Select one elective 10 Credit Points 40 Autumn session PUBH 3028 Transforming Health 10 PUBH 3027 Public Health in a Changing World 10 Select two electives 20 Credit Points 40	Year 3		
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PUBH 3024 Harm Minimisation and Prevention  Select one elective  Credit Points  40  Autumn session  PUBH 3028 Transforming Health  PUBH 3027 Public Health in a Changing World  Select two electives  Credit Points  40	MEDI 3007	Professional Health Placement	10
Credit Points  40  Autumn session  PUBH 3028  Transforming Health  PUBH 3027  Public Health in a Changing World  Select two electives  Credit Points  40	PUBH 3025	Health Policy and Advocacy	10
Credit Points 40  Autumn session  PUBH 3028 Transforming Health 10  PUBH 3027 Public Health in a Changing World 10  Select two electives 20  Credit Points 40	PUBH 3024	Harm Minimisation and Prevention	10
Autumn session  PUBH 3028 Transforming Health 10  PUBH 3027 Public Health in a Changing World 10  Select two electives 20  Credit Points 40	Select one elective		10
PUBH 3028 Transforming Health 10 PUBH 3027 Public Health in a Changing World 10 Select two electives 20 Credit Points 40		Credit Points	40
PUBH 3027 Public Health in a Changing World 10 Select two electives 20 Credit Points 40	Autumn session		
Select two electives 20 Credit Points 40	PUBH 3028	Transforming Health	10
Credit Points 40	PUBH 3027	Public Health in a Changing World	10
	Select two electives		20
Total Credit Points 260		Credit Points	40
		Total Credit Points	260

#### Electives

Students must take at least one level 3 subject as an elective

Most electives are 10 credit points.

Students may wish to consider using elective choices to complete another health sciences field of study, such as Majors: Health Promotion, Health Services Management. Minors: Health Promotion, Public Health and Nutrition, Health Informatics, Global Sustainability

#### **Minors**

Health Promotion, Minor (https://hbook.westernsydney.edu.au/majors-minors/health-promotion-minor/)

Health Practice Management, Minor (https://

hbook.westernsydney.edu.au/majors-minors/health-practice-management-minor/)

Global Sustainability, Minor (https://hbook.westernsydney.edu.au/majors-minors/global-sustainability-minor/)

Health Informatics, Minor (https://hbook.westernsydney.edu.au/majors-minors/health-informatics-minor/)

#### Majors

Health Services Management, Major (https:// hbook.westernsydney.edu.au/majors-minors/health-servicesmanagement-major/)

Health Promotion, Major (https://hbook.westernsydney.edu.au/majors-minors/health-promotion-major/)

### **Master of Data Science**

Students must complete 40 credit points as follows

Subject	Title	Credit Points
PUBH 7016	Introduction to Epidemiology	10
HLTH 7008	Introduction to Biostatistics	10
PUBH 7010	Epidemiology of Non-Communicable Diseases	10
Choose one of th	e following:	10
PUBH 7033	The Social Determinants of Health	
PUBH 7031	Health Systems and Policy	
PUBH 7028	Surveillance and Disaster Planning	
<b>Total Credit Point</b>	ts	40

# **Related Programs**

Bachelor of Health Science (4656) (https://

hbook.westernsydney.edu.au/programs/bachelor-health-science/)

Diploma in Health Science/Bachelor of Health Science (6000) (https://hbook.westernsydney.edu.au/programs/diploma-health-science-bachelor-health-science/)

Master of Data Science (3735) (https://hbook.westernsydney.edu.au/programs/master-data-science/)