ENVIRONMENTAL HEALTH, TESTAMUR MAJOR (T076)

Western Sydney University Major Code: T076

Previous Code: MT3031.1

Available to students in other Western Sydney University programs?

No

The air we breathe, the water we drink, the food we eat, and the places we live, work and play all have major impacts on our health and wellbeing. The testamur major Environmental Health in a Bachelor of Science, will equip you to explore the diverse range of natural and built-environment challenges that confront us, from the mitigation of human health impacts of global climate change through to the more localised issues of air and water quality, waste management, food security, environmental noise and healthy communities. The major areas of study addressed within the major include air pollution; community studies; emergency management; environmental regulation and policy; environmental monitoring; environmental planning; environmental protection; epidemiology; food safety; noise, occupational environment; risk assessment; sustainable environmental management; toxicology; urban development and water pollution.

Location

Campus	Mode	Advice	P
Hawkesbury Campus	Internal	Dr Narsimha Reddy (https://	F
		directory.westernsydne search/email/ n.reddy@westernsydne	_
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Accreditation

T076 (Environmental Health) within the Bachelor of Science and the Bachelor of Advanced Science, has Conditional Provisional Accreditation with Environmental Health Australia

Recommended Sequence Current

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

Please note that some subjects require attendance at workshops during mid-semester break.

Bachelor of Science full-time start-year intake

Qualification for the award of Bachelor of Science with a major in Environmental Health requires the successful completion of 240 credit points as per the recommended sequence below.

Course	Title	Credit Points
Year 1		
Autumn session		
NATS 1019	Scientific Literacy	10
BIOS 1001	Biodiversity	10
CHEM 1008	Introductory Chemistry	10
BIOS 1027	Management of Aquatic Environments	10
	Credit Points	40
Spring session		
BIOS 1012	Cell Biology	10
ENVL 1006	Environmental Health Issues and Solutions	10

	Total Credit Points	240
	Credit Points	40
Choose one elective		10
PUBH 3021	Air Pollution & Control	10
PUBH 3007	Disease Prevention and Control	10
NATS 3020	Food Microbiology and Safety	10
edu.au) Spring session	Credit Points	30
dulall/se one elective		10
PUBH 3005	Disaster and Emergency Management	10
Autumn session PUBH 3017	Occupational Health and Safety	10
	Credit Points	10
1H session NATS 3055	Practicum 1	10
Year 3		
	Credit Points	40
ENVL 3010	Environmental Planning, Policy & Regulation	10
EART 3007	Land Degradation and Contamination	10
NATS 2031	Toxicology	10
NATS 3045	Work Internship for Science Professionals	10
Spring session	Credit Points	40
Choose one elective		10
BIOS 1035	Anatomy and Physiology in Health	10
BIOS 2022	Microbiology 1	10
PUBH 2010	Epidemiology	10
Year 2 Autumn session		
	Credit Points	40
Choose one elective		10
MATH 1003	Biometry	
MATH 1026	Quantitative Thinking	

Bachelor of Science part-time start-year intake

Qualification for the award of Bachelor of Science with a major in Environmental Health requires the successful completion of 240 credit points as per the recommended sequence below.

Course	Title	Credit Points
Year 1		
Autumn session		
BIOS 1001	Biodiversity	10
NATS 1019	Scientific Literacy	10
	Credit Points	20
Spring session		
MATH 1026	Quantitative Thinking	10
ENVL 1006	Environmental Health Issues and Solutions	10
	Credit Points	20
Year 2		
Autumn session		
CHEM 1008	Introductory Chemistry	10

	Credit Points	10
Spring session		
BIOS 1012	Cell Biology	10
Choose one elective		10
	Credit Points	20
Year 3		
Autumn session		
BIOS 1035	Anatomy and Physiology in Health	10
BIOS 2022	Microbiology 1	10
	Credit Points	20
Spring session		
ENVL 3010	Environmental Planning, Policy &	10
	Regulation	
NATS 2031	Toxicology	10
	Credit Points	20
Year 4		
Autumn session		
PUBH 2010	Epidemiology	10
BIOS 1027	Management of Aquatic Environments	10
	Credit Points	20
Spring session		
EART 3007	Land Degradation and Contamination	10
NATS 3045	Work Internship for Science Professionals	10
	Credit Points	20
Year 5		
Autumn session		
PUBH 3017	Occupational Health and Safety	10
PUBH 3005	Disaster and Emergency Management	10
	Credit Points	20
Spring session		
NATS 3020	Food Microbiology and Safety	10
PUBH 3021	Air Pollution & Control	10
	Credit Points	20
Year 6		
1H session		
NATS 3055	Practicum 1	10
	Credit Points	10
Autumn session		
Choose one elective		10
	Credit Points	10
Spring session		
PUBH 3007	Disease Prevention and Control	10
Choose one elective		10
	Credit Points	20
	Total Credit Points	230
	iotal ordan i ollito	230

Bachelor of Advanced Science full-time start-year intake

Qualification for the award of Bachelor of Advanced Science with a major in Environmental Health requires the successful completion of 240 credit points as per the recommended sequence below:

Course	Title	Credit Points
Year 1		
Autumn session		
NATS 1019	Scientific Literacy	10
BIOS 1001	Biodiversity	10
CHEM 1008	Introductory Chemistry	10
BIOS 1027	Management of Aquatic Environments	10
	Credit Points	40
Spring session		
BIOS 1012	Cell Biology	10
NATS 2001	Advanced Science Project A	10
ENVL 1006	Environmental Health Issues and Solutions	10
Choose one of		10
MATH 1026	Quantitative Thinking	
MATH 1003	Biometry	
	Credit Points	40
Year 2		
Autumn session		
PUBH 2010	Epidemiology	10
BIOS 2022	Microbiology 1	10
BIOS 1035	Anatomy and Physiology in Health	10
NATS 2002	Advanced Science Project B	10
	Credit Points	40
Spring session		
NATS 3045	Work Internship for Science Professionals	10
NATS 2031	Toxicology	10
EART 3007	Land Degradation and Contamination	10
ENVL 3010	Environmental Planning, Policy & Regulation	10
	Credit Points	40
Year 3		
1H session		
NATS 3055	Practicum 1	10
	Credit Points	10
Autumn session		
PUBH 3017	Occupational Health and Safety	10
NATS 3004	Advanced Science Project C	10
PUBH 3005	Disaster and Emergency Management	10
	Credit Points	30
Spring session		
NATS 3020	Food Microbiology and Safety	10
PUBH 3007	Disease Prevention and Control	10
PUBH 3021	Air Pollution & Control	10
NATS 3004	Advanced Science Project C	10
	Credit Points	40
	Total Credit Points	240

Bachelor of Advanced Science part-time start-year intake

Qualification for the award of Bachelor of Advanced Science with a major in Environmental Health requires the successful completion of 240 credit points as per the recommended sequence below

Course	Title	Credit Points
Year 1		
Autumn session		
BIOS 1001	Biodiversity	10
NATS 1019	Scientific Literacy	10
	Credit Points	20
Spring session		
MATH 1026	Quantitative Thinking	10
ENVL 1006	Environmental Health Issues and Solutions	10
	Credit Points	20
Year 2	Credit Foliits	20
Autumn session		
CHEM 1008	Introductory Chemistry	10
BIOS 1027	Management of Aquatic Environments	10
	Credit Points	20
Spring session		
BIOS 1012	Cell Biology	10
NATS 2001	Advanced Science Project A	10
	Credit Points	20
Year 3		
Autumn session		
BIOS 1035	Anatomy and Physiology in Health	10
BIOS 2022	Microbiology 1	10
	Credit Points	20
Spring session		
ENVL 3010	Environmental Planning, Policy & Regulation	10
NATS 2031	Toxicology	10
	Credit Points	20
Year 4		
Autumn session		
PUBH 2010	Epidemiology	10
NATS 2002	Advanced Science Project B	10
	Credit Points	20
Spring session		
EART 3007	Land Degradation and Contamination	10
NATS 3045	Work Internship for Science Professionals	10
	Credit Points	20
Year 5		
Autumn session	On the state of th	
PUBH 3017	Occupational Health and Safety	10
PUBH 3005	Disaster and Emergency Management	10
Coming a consistant	Credit Points	20
Spring session NATS 3020	Food Microbiology and Sofety	10
PUBH 3021	Food Microbiology and Safety Air Pollution & Control	10
FOBH 3021	Credit Points	
Year 6	Great Forms	20
1H session		
NATS 3055	Practicum 1	10
	Credit Points	10
Autumn session	o.cuit i oiitto	10
NATS 3004	Advanced Science Project C	10
	Credit Points	10
	C. Cart i onito	

Spring session		
PUBH 3007	Disease Prevention and Control	10
NATS 3004	Advanced Science Project C	10
	Credit Points	20
	Total Credit Points	240

Diploma in Science/Bachelor of Science full-time start-year intake

Qualification for this award requires the successful completion of 250 credit points which includes the subjects listed in the recommended sequence below.

Course	Title	Credit Points
Year 1		
Year 1: College Subje	ects	
Standard 3-term year	r	
Preparatory subject		
CHEM 0001	Chemistry (WSTC Prep)	10
Eight university-leve	l subjects as follows:	
BIOS 1014	Cell Biology (WSTC)	10
NATS 1020	Scientific Literacy (WSTC)	10
CHEM 1009	Introductory Chemistry (WSTC)	10
BIOS 1003	Biodiversity (WSTC)	10
MATH 1027	Quantitative Thinking (WSTC)	10
BIOS 1034	Management of Aquatic Environments (WSTC)	10
ENVL 1007	Environmental Health Issues and Solutions (WSTC)	10
	Credit Points	80
Year 2		
Autumn session		
PUBH 2010	Epidemiology	10
BIOS 2022	Microbiology 1	10
BIOS 1035	Anatomy and Physiology in Health	10
Choose one elective		10
	Credit Points	40
Spring session		
NATS 3045	Work Internship for Science Professionals	10
NATS 2031	Toxicology	10
EART 3007	Land Degradation and Contamination	10
ENVL 3010	Environmental Planning, Policy &	10
	Regulation	
	Credit Points	40
Year 3		
1H session		
NATS 3055	Practicum 1	10
	Credit Points	10
Autumn session		
PUBH 3017	Occupational Health and Safety	10
PUBH 3005	Disaster and Emergency Management	10
Choose one elective		10
	Credit Points	30
Spring session		
NATS 3020	Food Microbiology and Safety	10
PUBH 3007	Disease Prevention and Control	10
PUBH 3021	Air Pollution & Control	10

Choose one elective	10
Credit Points	40
Total Credit Points	240

Diploma in Science/Bachelor of Science part-time start-year intake

Qualification for this award requires the successful completion of 250 credit points which includes the subjects listed in the recommended sequence below.

Subject	Title	Credit Points
Years 1 and 2:	College Subjects	
	consult the Academic Course Advisor to determin sequence of study for The College subjects.	ie
Preparatory su	bject	
CHEM 0001	Chemistry (WSTC Prep)	10
Eight university	y-level subjects as follows:	
BIOS 1014	Cell Biology (WSTC)	10
NATS 1020	Scientific Literacy (WSTC)	10
CHEM 1009	Introductory Chemistry (WSTC)	10
BIOS 1003	Biodiversity (WSTC)	10
MATH 1027	Quantitative Thinking (WSTC)	10
BIOS 1034	Management of Aquatic Environments (WSTC)	10
ENVL 1003	Environmental Issues and Solutions (WSTC)	10
CHEM 1013	Essential Chemistry (WSTC)	10
Year 3-6, please Time above.	e see the sequence for the Bachelor of Science Pa	rt
Total Credit Po	ints	90

Recommended Sequence 2023

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

Please note that some subjects require attendance at workshops during mid-semester break.

Bachelor of Science full-time start-year intake

Qualification for the award of Bachelor of Science with a major in Environmental Health requires the successful completion of 240 credit points as per the recommended sequence below.

Course	Title	Credit Points
Year 1		Folits
Autumn session		
NATS 1019	Scientific Literacy	10
BIOS 1001	Biodiversity	10
CHEM 1008	Introductory Chemistry	10
BIOS 1027	Management of Aquatic Environments	10
	Credit Points	40
Spring session		
BIOS 1012	Cell Biology	10
ENVL 1006	Environmental Health Issues and Solutions	10
Choose one of		10
MATH 1026	Quantitative Thinking	
MATH 1003	Biometry	
Choose one elective		10
	Credit Points	40

Autumn session		
PUBH 2010	Epidemiology	10
BIOS 2022	Microbiology 1	10
BIOS 1035	Anatomy and Physiology in Health	10
Choose one elective		10
	Credit Points	40
Spring session		
NATS 3045	Work Internship for Science Professionals	10
NATS 2031	Toxicology	10
EART 3007	Land Degradation and Contamination	10
ENVL 3010	Environmental Planning, Policy & Regulation	10
	Credit Points	40
Year 3		
Autumn session		
NATS 3015	Field Project 1	10
PUBH 3021	Air Pollution & Control	10
PUBH 3017	Occupational Health and Safety	10

Year 2

Choose one elective

Spring session		
NATS 3020	Food Microbiology and Safety	10
PUBH 3005	Disaster and Emergency Management	10
PUBH 3007	Disease Prevention and Control	10
Choose one elective		10
	Credit Points	40
	Total Credit Points	240

10

40

Bachelor of Science part-time start-year intake

Credit Points

Qualification for the award of Bachelor of Science with a major in Environmental Health requires the successful completion of 240 credit points as per the recommended sequence below.

Course	Title	Credit Points
Year 1		
Autumn session		
BIOS 1001	Biodiversity	10
NATS 1019	Scientific Literacy	10
	Credit Points	20
Spring session		
MATH 1026	Quantitative Thinking	10
ENVL 1006	Environmental Health Issues and Solutions	10
	Credit Points	20
Year 2		
Autumn session		
BIOS 1027	Management of Aquatic Environments	10
CHEM 1008	Introductory Chemistry	10
	Credit Points	20
Spring session		
BIOS 1012	Cell Biology	10
Choose one elective		10
	Credit Points	20

Year 3		
Autumn session		
BIOS 1035	Anatomy and Physiology in Health	10
BIOS 2022	Microbiology 1	10
	Credit Points	20
Spring session		
ENVL 3010	Environmental Planning, Policy & Regulation	10
NATS 2031	Toxicology	10
	Credit Points	20
Year 4		
Autumn session		
PUBH 2010	Epidemiology	10
Choose one elective		10
	Credit Points	20
Spring session		
EART 3007	Land Degradation and Contamination	10
NATS 3045	Work Internship for Science Professionals	10
	Credit Points	20
Year 5		
Autumn session		
PUBH 3021	Air Pollution & Control	10
PUBH 3017	Occupational Health and Safety	10
	Credit Points	20
Spring session		
PUBH 3005	Disaster and Emergency Management	10
NATS 3020	Food Microbiology and Safety	10
	Credit Points	20
Year 6		
Autumn session		
NATS 3015	Field Project 1	10
Choose one elective		10
	Credit Points	20
Spring session		
PUBH 3007	Disease Prevention and Control	10
Choose one elective		10
	Credit Points	20
	Total Credit Points	240

Bachelor of Advanced Science full-time start-year intake

Qualification for the award of Bachelor of Advanced Science with a major in Environmental Health requires the successful completion of 240 credit points as per the recommended sequence below:

Course	Title	Credit Points
Year 1		
Autumn session		
NATS 1019	Scientific Literacy	10
BIOS 1001	Biodiversity	10
CHEM 1008	Introductory Chemistry	10
BIOS 1027	Management of Aquatic Environments	10
	Credit Points	40
Spring session		
BIOS 1012	Cell Biology	10
NATS 2001	Advanced Science Project A	10

	Total Credit Points	240
	Credit Points	40
NATS 3004	Advanced Science Project C	10
PUBH 3007	Disease Prevention and Control	10
PUBH 3005	Disaster and Emergency Management	10
NATS 3020	Food Microbiology and Safety	10
Spring session		
	Credit Points	40
NATS 3004	Advanced Science Project C	10
PUBH 3017	Occupational Health and Safety	10
PUBH 3021	Air Pollution & Control	10
NATS 3015	Field Project 1	10
Autumn session		
Year 3	Credit Points	40
	Regulation	40
ENVL 3010	Environmental Planning, Policy &	10
EART 3007	Land Degradation and Contamination	10
NATS 2031	Toxicology	10
NATS 3045	Work Internship for Science Professionals	10
Spring session		
	Credit Points	40
NATS 2002	Advanced Science Project B	10
BIOS 1035	Anatomy and Physiology in Health	10
BIOS 2022	Microbiology 1	10
PUBH 2010	Epidemiology	10
Year 2 Autumn session		
	Credit Points	40
MATH 1003	Biometry	
MATH 1026	Quantitative Thinking	
Choose one of		10
ENVL 1006	Environmental Health Issues and Solutions	10

Bachelor of Advanced Science part-time start-year intake

Qualification for the award of Bachelor of Advanced Science with a major in Environmental Health requires the successful completion of 240 credit points as per the recommended sequence below

Course	Title	Credit Points
Year 1		
Autumn session		
BIOS 1001	Biodiversity	10
NATS 1019	Scientific Literacy	10
	Credit Points	20
Spring session		
MATH 1026	Quantitative Thinking	10
ENVL 1006	Environmental Health Issues and Solutions	10
	Credit Points	20
Year 2		
Autumn session		
BIOS 1027	Management of Aquatic Environments	10

Credit Points	20
Advanced ocience i roject o	10
Advanced Science Project C	10
Disease Prevention and Control	10
Credit Points	20
Advanced Science Project C	10
Field Project 1	10
Credit Points	20
Food Microbiology and Safety	10
Disaster and Emergency Management	10
	20
Credit Points	20
	10
Air Pollution & Control	10
Creat Points	20
<u>'</u>	10
-	10
Land Damedation and Continuing	10
Credit Points	20
<u> </u>	10
Epidemiology	10
Credit Points	20
	10
Regulation	
Environmental Planning, Policy &	10
Credit Points	20
Microbiology 1	10
Anatomy and Physiology in Health	10
Credit Points	20
	10
Cell Biology	10
0.00.00	
Credit Points	20
Introductory Chemistry	10
	Cell Biology Advanced Science Project A Credit Points Anatomy and Physiology in Health Microbiology 1 Credit Points Environmental Planning, Policy & Regulation Toxicology Credit Points Epidemiology Advanced Science Project B Credit Points Land Degradation and Contamination Work Internship for Science Professionals Credit Points Air Pollution & Control Occupational Health and Safety Credit Points Disaster and Emergency Management Food Microbiology and Safety Credit Points Field Project 1 Advanced Science Project C Credit Points Disease Prevention and Control

Diploma in Science/Bachelor of Science full-time start-year intake

Qualification for this award requires the successful completion of 250 credit points which includes the subjects listed in the recommended sequence below.

Course	Title	Credit Points
Year 1		
Year 1: College		
Standard 3-term year		
Preparatory subject		

	Total Credit Points	240
	Credit Points	40
Choose one elective		10
PUBH 3007	Disease Prevention and Control	10
PUBH 3005	Disaster and Emergency Management	10
NATS 3020	Food Microbiology and Safety	10
Spring session	orear i onto	-10
	Credit Points	40
Choose one elective	occupational ricaltif and safety	10
PUBH 3017	Occupational Health and Safety	10
PUBH 3021	Air Pollution & Control	10
NATS 3015	Field Project 1	10
Year 3 Autumn session		
V2	Credit Points	40
	Regulation	
ENVL 3010	Environmental Planning, Policy &	10
EART 3007	Land Degradation and Contamination	10
NATS 2031	Toxicology	10
NATS 3045	Work Internship for Science Professionals	10
Spring session		.0
	Credit Points	40
Choose one elective	Talkioning and Englishing in Ficulti	10
BIOS 1035	Anatomy and Physiology in Health	10
BIOS 2022	Microbiology 1	10
PUBH 2010	Epidemiology	10
Autumn session		
Year 2	oreant rounts	80
	Solutions (WSTC) Credit Points	80
ENVL 1007	Environmental Health Issues and	10
	(WSTC)	
BIOS 1034	Management of Aquatic Environments	10
MATH 1027	Quantitative Thinking (WSTC)	10
BIOS 1003	Biodiversity (WSTC)	10
CHEM 1009	Introductory Chemistry (WSTC)	10
NATS 1020	Scientific Literacy (WSTC)	10
BIOS 1014	Cell Biology (WSTC)	10
Eight university-leve	I subjects as follows:	
CHEM 0001	Chemistry (WSTC Prep)	10

Diploma in Science/Bachelor of Science part-time start-year intake

Qualification for this award requires the successful completion of 250 credit points which includes the subjects listed in the recommended sequence below.

Subject	Title	Credit Points
Years 1 and 2	: College Subjects	
Students must consult the Academic Course Advisor to determin their part-time sequence of study for The College subjects.		
Preparatory s	ubject	

CHEM 0001	Chemistry (WSTC Prep)	10
Eight university-l	evel subjects as follows:	
BIOS 1014	Cell Biology (WSTC)	10
	- 1 (6) (1)	
NATS 1020	Scientific Literacy (WSTC)	10
CHEM 1009	Introductory Chemistry (WSTC)	10

BIOS 1003	Biodiversity (WSTC)	10
MATH 1027	Quantitative Thinking (WSTC)	10
BIOS 1034	Management of Aquatic Environments (WSTC)) 10
ENVL 1003	Environmental Issues and Solutions (WSTC)	10
CHEM 1013	Essential Chemistry (WSTC)	10
Total Credit Point	s	90
Course	Title	Credit Points
Year 3		
Autumn session		
BIOS 1022	Introduction to Human Biology	10
BIOS 2022	Microbiology 1	10
	Credit Points	20
Spring session		
ENVL 3010	Environmental Planning, Policy & Regulation	10
NATS 2031	Toxicology	10
	Credit Points	20
Year 4		
Autumn session		
PUBH 2010	Epidemiology	10
Select one electiv	e	10
	Credit Points	20
Spring session		
EART 3007	Land Degradation and Contamination	10
NATS 3045	Work Internship for Science Professionals	10
	Credit Points	20
Year 5		
Autumn session		
PUBH 3021	Air Pollution & Control	10
PUBH 3017	Occupational Health and Safety	10
	Credit Points	20
Spring session		
PUBH 3005	Disaster and Emergency Management	10
NATS 3020	Food Microbiology and Safety	10
	Credit Points	20
Year 6		
Autumn session		
NATS 3015	Field Project 1	10
Select one electiv	•	10
	Credit Points	20
Spring session	5.53KT 011K0	20
PUBH 3007	Disease Prevention and Control	10
Select one electiv		10
- Colour one electiv	Credit Points	20
	Total Credit Points	160

Equivalent Subject

The subject listed below counts towards completion of this Major for students who passed this subject in 2020 or earlier.

ENVL 2002 Environmental Regulation and Policy, replaced by ENVL 3010 Environmental Planning, Policy & Regulation

Related Programs

Bachelor of Advanced Science (3757) (https://hbook.westernsydney.edu.au/programs/bachelor-advanced-science/)
Bachelor of Science (3754) (https://hbook.westernsydney.edu.au/programs/bachelor-science/)
Diploma in Science/Bachelor of Science (6043) (https://hbook.westernsydney.edu.au/programs/diploma-science-bachelor-