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
Hawkesbury Campus	Internal	Dr Narsimha Reddy (https:// directory.westernsydney.ed search/email/ n.reddy@westernsydney.ed

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 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		
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

	Credit Points	40
Choose one elective		10
PUBH 3007	Disease Prevention and Control	10
PUBH 3005	Disaster and Emergency Management	10
NATS 3020	Food Safety	10
dspring session		
	Credit Points	40
Choose one elective		10
PUBH 3017	Occupational Health and Safety	10
PUBH 3021	Air Pollution & Control	10
NATS 3015	Field Project 1	10
Autumn session		
Year 3	orean i onno	40
	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
Autumn session		
Year 2		
	Credit Points	40
Choose one elective	•	10
MATH 1003	Biometry	
MATH 1026	Quantitative Thinking	
Choose one of MATH 1026	Quantitative Thinking	1

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	Credit Points	20
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 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
DIOG 1021	Credit Points	40
Chring accoion	Cledit Foliits	40
Spring session BIOS 1012	Call Dialogy	10
NATS 2001	Cell Biology	10 10
	Advanced Science Project A	
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		
Autumn session		
NATS 3015	Field Project 1	10
PUBH 3021	Air Pollution & Control	10
PUBH 3017	Occupational Health and Safety	10
NATS 3004	Advanced Science Project C	10
	Credit Points	40
Spring session		
NATS 3020	Food Safety	10
PUBH 3005	Disaster and Emergency Management	10
PUBH 3007	Disease Prevention and 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

Spring session PUBH 3007 NATS 3004	Disease Prevention and Control Advanced Science Project C Credit Points	10 10 20
Spring session PUBH 3007		
Spring session	Disagra Provention and Central	10
10,110,0001	Credit Points	20
NATS 3004	Advanced Science Project C	10
NATS 3015	Field Project 1	10
Autumn session	E: 115	
Year 6		
	Credit Points	20
NATS 3020	Food Safety	10
PUBH 3005	Disaster and Emergency Management	10
Spring session		
	Credit Points	20
PUBH 3017	Occupational Health and Safety	10
Autumn session PUBH 3021	Air Pollution & Control	10
Year 5		
	Credit Points	20
NATS 3045	Work Internship for Science Professionals	10
EART 3007	Land Degradation and Contamination	10
Spring session		
	Credit Points	20
NATS 2002	Advanced Science Project B	10
PUBH 2010	Epidemiology	10
Autumn session		
Year 4	Great Follits	20
NA15 ZU31	Toxicology Credit Points	20
NATS 2031	Regulation	10
ENVL 3010	Environmental Planning, Policy &	10
Spring session		
	Credit Points	20
BIOS 2022	Microbiology 1	10
BIOS 1035	Anatomy and Physiology in Health	10
Autumn session		
Year 3		
	Credit Points	20
NATS 2001	Advanced Science Project A	10
BIOS 1012	Cell Biology	10
Spring session	Credit Points	20
CHEW 1008	Introductory Chemistry Credit Points	10 20
BIOS 1027 CHEM 1008	Management of Aquatic Environments	10
Autumn session	Management (Ch. 18, F. 18	
Year 2		
	Credit Points	20
	Solutions	

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 & 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
Choose one elective		10
	Credit Points	40
Spring session		
NATS 3020	Food Safety	10
PUBH 3005	Disaster and Emergency Management	10
PUBH 3007	Disease Prevention and Control	10
Choose one elective	2.00000 Free Control	10
SOOGE ONE CICOUVE	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

Students must consult the Academic Course Advisor to determine their part-time sequence of study for The College subjects.

Preparatory subj	ect	
CHEM 0001	Chemistry (WSTC Prep)	10
Eight university-l	evel 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
Total Credit Point	ts	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 &	10
	Regulation	
NATS 2031	Toxicology	10
	Credit Points	20
Year 4		
Autumn session		
PUBH 2010	Epidemiology	10
Select one elective	/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 Safety	10
	Credit Points	20
Year 6		
Autumn session		
NATS 3015	Field Project 1	10
Select one elective	/e	10
	Credit Points	20
Spring session		
PUBH 3007	Disease Prevention and Control	10
Select one elective		10
	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

Recommended Sequence 2024

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
Choose one of		10
MATH 1026	Quantitative Thinking	
MATH 1003	Biometry	
Choose one elective		10
	Credit Points	40
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 & Regulation	10
	Credit Points	40
Year 3		
1H session		
NATS 3055	Practicum 1	10
	Credit Points	10
Autumn session		
PUBH 3021	Air Pollution & Control	10
PUBH 3017	Occupational Health and Safety	10
Choose one elective		10

Credit Points

30

	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 Safety	10
Spring session		

Bachelor of Science part-time start-year intake

Title

Course

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.

Credit

Course	ride	Points
Year 1		i onito
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	10
	Solutions	
	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 Safety	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	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
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 3021	Air Pollution & Control	10
PUBH 3017	Occupational Health and Safety	10
NATS 3004	Advanced Science Project C	10
	Credit Points	30
Spring session		
NATS 3020	Food Safety	10
PUBH 3005	Disaster and Emergency Management	10
PUBH 3007	Disease Prevention and 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		
Autumn session		
BIOS 1027	Management of Aquatic Environments	10
CHEM 1008	Introductory Chemistry	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		
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 Safety	10
	Credit Points	20
Year 6		
1H session		
NATS 3055	Practicum 1	10
	Credit Points	10
Autumn session		
NATS 3004	Advanced Science Project C	10
	Credit Points	10
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.

sequence below.		
Course	Title	Credit Points
Year 1		
Year 1: College Subj	ects	
Standard 3-term yea	r	
Preparatory subject		
CHEM 0001	Chemistry (WSTC Prep)	10
Eight university-leve	el 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 & Regulation	10
	Credit Points	40
Year 3		
1H session		
NATS 3055	Practicum 1	10
	Credit Points	10
Autumn session		
PUBH 3021	Air Pollution & Control	10
PUBH 3017	Occupational Health and Safety	10
Choose one elective		10
	Credit Points	30
Spring session		
NATS 3020	Food 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

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: C	ollege Subjects	Tollits
	onsult the Academic Course Advisor to determin equence of study for The College subjects.	ne
Preparatory sub	ject	
CHEM 0001	Chemistry (WSTC Prep)	10
Eight university-	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
Total Credit Points		

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-bachelorscience/)