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 well-being. 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.edu.au/search/email/n.reddy@westernsydney.edu.au)

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
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 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**

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 & Regulation	10
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**

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		
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		
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		
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.

Course	Title	Credit Points
Year 1		
Year 1: College Subjects		
Standard 3-term year		
Preparatory subject		
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 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 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		
Students must consult the Academic Course Advisor to determine their part-time sequence of study for The College subjects.		
Preparatory subject		
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
Year 3-6, please see the sequence for the Bachelor of Science Part Time above.		
Total Credit Points		**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		
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		
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 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**

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		
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
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 Microbiology and 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 Microbiology and Safety	10
	Credit Points	**20**
Year 6		
Autumn session		
NATS 3015	Field Project 1	10
NATS 3004	Advanced Science Project C	10
	Credit Points	**20**
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 Subjects		
Standard 3-term year		
Preparatory subject		
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 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 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**

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 subject		
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		**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 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
Select one elective		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

Related Programs

Bachelor of Advanced Science (3757) (https://hbook.westernsydney.edu.au/archives/2024-2025/programs/bachelor-advanced-science/)

Bachelor of Science (3754) (https://hbook.westernsydney.edu.au/archives/2024-2025/programs/bachelor-science/)

Diploma in Science/Bachelor of Science (6043) (https://hbook.westernsydney.edu.au/archives/2024-2025/programs/diploma-science-bachelor-science/)