

# Bachelor of Engineering Technology B1408 (Environmental Engineering)

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Start Date: Semester 1 2025

Year 1 – 2025	Semester 1 Units	CP	Semester 2 Units	CP
	MAS164 Fundamentals of Mathematics	3	MAS182 Introductory Calculus with Applications	3
	ENG101 Engineering Fundamentals	3	ENG102 Engineering Design for Sustainability	3
	ENG103 Principles of Engineering	3	PEN120 General Physics	3
	<b>CHE140 Fundamentals of Chemistry</b>	3	<b>ENV102 Foundations of the Environment</b>	3
	<b>Total</b>	12	<b>Total</b>	12
Year 2 - 2026	Semester 1 Units	CP	Semester 2 Units	CP
	MAS161 Calculus and Matrix Algebra	3	Specified Elective	3
	ENG109 Engineering Computing Systems	3	ENG216 Dynamic Systems and Control	3
	ENG215 Systems Engineering	3	<b>ENG221 Pollution and Its Control</b>	3
	<b>Major Specified Elective</b> or Specified Elective	3	Specified Elective or <b>Major Specified Elective</b>	3
	<b>Total</b>	12	<b>Total</b>	12
Year 3 - 2027	Semester 1 Units	CP	Semester 2 Units	CP
	MAS220 Mathematical Methods and Multivariable Calculus	3	<b>ENG300 Environmental Technology for Sustainability</b>	3
	Specified Elective	3	BUS368 Cultures of Innovation	3
	<b>ENG341 Water Conservation and Auditing</b>	3	ENG336 Engineering Finance, Management and Law	3
	ENG360 Engineering Design Project (Y)	3	ENG360 Engineering Design Project (Y)	3
	ENG100 Engineering Professional Practice (Y)	0	ENG100 Engineering Professional Practice (Y)	0
	<b>Total</b>	12	<b>Total</b>	12

**TOTAL CREDIT POINTS 72\***

\*Please note that students can only have up to 10 x level 100 units towards their 72CP.

Semester 1 notes	Semester 2 notes
1. For MAS164, Students who have achieved a final scaled score of 55% or more in ATAR Mathematics Specialist, WACE Mathematics Specialist 3C/3D or TEE Calculus may not enrol in this unit and should consult their Academic Chair.	1. For PEN120, students who have achieved a final scaled score of 60% or more in ATAR Physics or WACE Physics 3A/3B may not enrol in this unit and should consult their Academic Chair.
<p>The Specified Elective units could be selected from: ENV243 Water and Earth Science (S1); ENV242 Atmospheric and Climate Science (S1); ENV331 Environmental Management (S2); ENV303 GIS for Environmental Management and Planning (S2).</p> <p>The <b>Major Specified Elective unit</b> must be selected from: ENV243 Water and Earth Science (S1); ENV242 Atmospheric and Climate Science (S1); ENV331 Environmental Management (S2); ENV303 GIS for Environmental Management and Planning (S2).</p> <p>Spine - ENG100 Engineering Professional Practice (0 CP); Bachelor of Engineering Technology students should complete 300 hours of approved work experience to complete the requirements of the course.</p>	

**Please note:** This course plan is a sample only and must be read in conjunction with the full course structure, unit prerequisites and enrolment options as outlined in the [Handbook](#). Students should note that due to unit prerequisites, commencing study in Semester 2 may extend the duration of the course. This information is correct as at 27/11/24.