

Bachelor of Climate Science and Adaptation

INFORMATION FOR STUDENTS WHO COMMENCED IN THE BACHELOR OF CLIMATE SCIENCE AND ADAPTATION [40245] PRIOR TO 2023

The University is incorporating Work Integrated Learning (WIL) into all undergraduate programs as a 10-unit Core Course (ENVS3008 – Work Integrated Learning in the Environmental and Development Sectors), for students commencing in the program from 2023 onwards. WIL provides students from all disciplines and backgrounds with the opportunity to gain real world work experience and improve employability outcomes.

Transition Arrangements

Due to the **discontinuation of SCIE3001A/B**, all current students (except those who have completed SCIE3001A/B courses by the end of 2022), will need to complete placement course **ENVS3008 – Work Integrated Learning in the Environmental and Development Sectors**, as part of their degree.

Students who have **successfully completed SCIE3001A** but **not completed SCIE3001B** by the end of 2022, will need to complete SCIE3001B in Semester 1 2023, which will be the last offering of this course.

The table below provides a summary of the changes to the Bachelor of Climate Science and Adaptation:

2022 Program Requirements	2023 Program Requirements	Notes
Core Courses (180 Units)	Core Courses (170 Units)	Decreased by 10 units.
ENVS1001 – Environmental Science Concepts and Methods (10 units)	ENVS1001 – Environmental Science Concepts and Methods (10 units)	No change
GEOG1020 – Introduction to Human Geography (10 units)	GEOG1020 – Introduction to Human Geography (10 units)	No change
GEOG1040 – Earth: The Dynamic Planet (10 units)	GEOG1040 – Earth: The Dynamic Planet (10 units)	No change
GEOS1050 – Earth Processes and Products (10 units)	GEOS1050 – Earth Processes and Products (10 units)	No change
SCIE1001 – Professional Scientific Thinking (10 units)	SCIE1001 – Professional Scientific Thinking (10 units)	No change
SCIE1002 – Multidisciplinary Laboratories (10 units)	SCIE1002 – Multidisciplinary Laboratories (10 units)	No change
STAT1070 – Statistics for the Sciences (10 units)	STAT1070 – Statistics for the Sciences (10 units)	No change
ENVS2008 – The Sustainable Society (10 units)	ENVS2008 – The Sustainable Society (10 units)	No change

Information is correct as of October 2022 and subject to change.

Program Code: 40245

CRICOS Code: 102644D

CRICOS Provider: 00109J

2022 Program Requirements	2023 Program Requirements	Notes
GEOS2050 – Catchments and Climate (10 units)	GEOS2050 – Catchments and Climate (10 units)	No change
GEOS2161 – Spatial Science (10 units)	GEOS2161 – Spatial Science (10 units)	No change
PHYS2300 – Climate and Energy (10 units)	PHYS2300 – Climate and Energy (10 units)	No change
SCIE2001 – Professional Employment Skills (10 units)	SCIE2001 – Professional Employment Skills (10 units)	No change
SCIE2002 – Interdisciplinary Challenges (10 units)	SCIE2002 – Interdisciplinary Challenges (10 units)	No change
SCIE2223 – Weather and Waves (10 units)	SCIE2223 – Weather and Waves (10 units)	No change
GEOS3250 – Advanced Spatial Science (10 units)	GEOS3250 – Advanced Spatial Science (10 units)	No change
GEOS3340 – Climate Change and Resource Management (10 units)	GEOS3340 – Climate Change and Resource Management (10 units)	No change
SCIE3001A – Transdisciplinary Capstone: Planning and Implementing (10 units)		Discontinued Students who have not successfully completed this course by the end of 2022 will need to complete ENVS3008.
SCIE3001B – Transdisciplinary Capstone: Implementing and Communicating (10 units)		Discontinued Students who have successfully completed SCIE3001A by the end of 2022 will need to complete SCIE3001B in Semester 1 2023 (last offering of this course).
	Work Integrated Learning Placement ENVS3008 – Work Integrated Learning in the Environmental and Development Sectors (10 units).	New core course Students who have not successfully completed SCIE3001A/B by the end of 2022 will need to complete ENVS3008.

2022 Program Requirements	2023 Program Requirements	Notes
Mathematics Directed Courses (10 Units) Complete 10 units from the following directed courses. Which course you should complete will depend on your previous mathematical background, please refer to each course handbook for more information.	Mathematics Directed Courses (10 Units) Complete 10 units from the following directed courses. Which course you should complete will depend on your previous mathematical background, please refer to each course handbook for more information.	
MATH1001 – Preparatory Studies in Mathematics (10 units)	MATH1001 – Preparatory Studies in Mathematics (10 units)	No change
MATH1002 – Foundational Studies in Mathematics (10 units)	MATH1002 – Foundational Studies in Mathematics (10 units)	No change
MATH1110 – Mathematics for Engineering, Science and Technology 1 (10 units)	MATH1110 – Mathematics for Engineering, Science and Technology 1 (10 units)	No change
3000 Level Directed Courses (10 Units) Complete 10 units from the following directed courses:	3000 Level Directed Courses (10 Units) Complete 10 units from the following directed courses:	
ENVS3007 – Environmental Remediation (10 units)	ENVS3007 – Environmental Remediation (10 units)	No change
GEOS3280 – Global Change and the Rise of Modern Environments (10 units)	GEOS3280 – Global Change and the Rise of Modern Environments (10 units)	No change
Electives (40 Units) Complete 40 units of electives (including at least 10 units at 3000 level and no more than 20 units at 1000 level) to fulfil the requirements of this program. Electives can be used to extend and complement your core studies with more courses in the same field of study, or from areas that might be of interest to you. Electives can be chosen from all courses available at the University that do not have any other conditions (such as a course requisite) applied to them.	Electives (50 Units) Complete 50 units of electives (including at least 20 units at 3000 level and no more than 20 units at 1000 level) to fulfil the requirements of this program. Electives can be used to extend and complement your core studies with more courses in the same field of study, or from areas that might be of interest to you. Electives can be chosen from all courses available at the University that do not have any other conditions (such as a course requisite) applied to them.	The number of Elective courses has increased from 40 to 50 units. The number of Elective courses required at 3000 level has increased from 10 to 20 units. No change to the maximum number of units of Electives that can be undertaken at 1000 level (20 units).

If you have any questions regarding your remaining program, please email ProgramAdvice@newcastle.edu.au.