

Bachelor of Renewable Energy Engineering (Honours)

Program Code: 40173

CRICOS Code: 099293G

Transition Arrangements

Last Updated October 2020



The following description outlines the approved transition arrangements for students who commenced in the Bachelor of Renewable Energy Engineering (Honours) program prior to 2021. Students who commence the program in 2021 onwards must complete the courses and follow the program structure that is outlined in the [Program Handbook](#). If you need further advice, then please contact your Academic Program Advisor on programadvice@newcastle.edu.au.

Course Code and Title (Not yet completed)	New Course Code and Title (Course to be completed from 2021 onwards as offered)
<p>'Completed' means successfully passed a course or received approved credit for a course</p> <p>CORE COURSES</p>	
<p><u>Mathematics Core Option</u></p> <p><u>Option 1</u> MATH1110 Mathematics for Engineering, Science and Technology 1 AND MATH1120 Mathematics for Engineering, Science and Technology 2</p> <p>OR</p> <p><u>Option 2</u> MATH1210 Mathematical Discovery 1 AND MATH1220 Mathematical Discovery 2</p>	<p>MATH1110 Mathematics for Engineering, Science and Technology 1</p> <p>AND</p> <p>MATH1120 Mathematics for Engineering, Science and Technology 2</p> <p><i>Please note:</i> After 2021, the option to do MATH1210 and MATH1220 has been removed from the program. From 2021 onwards: 1) if you have not yet completed MATH1210 you must complete MATH1110; and 2) if you haven't completed MATH1220 then you must complete MATH1120.</p>
<p>*ENGG1600 Sustainable Energy: The Australian Setting</p>	<p>If you have not completed ENGG1600 prior to 2021, then you will complete:</p> <p>CHEE1000 Process Engineering Principles*</p> <p>(CHEE1000 <i>will count in place of</i> ENGG1600)</p>
<p>10 units Directed course CHEE2315 Fluid Mechanics for Chemical Engineers</p>	<p>ENGG2300 Engineering Fluid Mechanics</p>

OR

MECH2710 Fluid Mechanics 1

***ENGG1600 Sustainable Energy: The Australian Setting and CHEE1000 Process Engineering Principles**

- From 2021 onwards, ENGG1600 Sustainable Energy: The Australian Setting (10 units) was removed from the program and CHEE1000 Process Engineering Principles (10 units) was added as a new core course.
- **If you completed ENGG1600** prior to 2021 it still counts towards your program. You do not have to complete CHEE1000 Process Engineering Principles. Students in this situation who **also** have an available 10-unit Elective course are permitted and strongly encouraged to choose CHEE1000 as one 10-unit Elective course.
- **If you did not complete ENGG1600 prior to 2021** then you must complete CHEE1000.

****3rd and 4th Year Major Program Revision**

2020 Program Structure	2021 Program Structure
ELEC3850 Electrical Engineering Design and Practice (10 units)	Removed from program
ENGG3860 Carbon Accounting and Energy Auditing (10 units)	If you have not completed ENGG3860 prior to 2021, then you will complete: CHEE2825 Chemical and Renewables Engineering Laboratory (CHEE2825 will count in place of ENGG3860)
RENE4800A Renewable Engineering Project A (10 units)	RENE4900A Renewable Engineering Project A (10 units)
RENE4800B Renewable Engineering Project A (20 units)	RENE4900B Renewable Engineering Project B (10 units)
	CHEE4945A Design Project A (10 units)
	CHEE4945B Design Project B (10 units)

****3rd and 4th Year Major Program Revision**

- There have been significant revisions to the 3rd and 4th year of this program. From 2021 onwards, the following courses have been removed from the program:
 - ELEC3850 Electrical Engineering Design (10 units) Practice;
 - ENGG3860 Carbon Accounting and Energy Auditing (10 units); and
 - RENE4800A Renewable Engineering Project A (10 units) and RENE4800B Renewable Engineering Project B (20 units).

TOTAL: 50 units
- From 2021 onwards, the following courses have been added to the program:

- CHEE2825 Chemical and Renewables Engineering Laboratory (10 units);
- RENE4900A Renewable Engineering Project A (10 units) and RENE4900B Renewable Engineering Project B (10 units); and
- CHEE4945A Design Project A (10 units) and CHEE4945B Design Project B (10 units).

TOTAL: 50 units

- **Students who did not complete ELEC3850 and ENGG3860 prior to 2021** will take the following courses:

- CHEE2825 Chemical and Renewables Engineering Laboratory (10 units);
- RENE4900A Renewable Engineering Project A (10 units)
- RENE4900B Renewable Engineering Project B (10 units)
- CHEE4945A Design Project A (10 units)
- CHEE4945B Design Project B (10 units)

TOTAL: 50 units

- **Students who have completed either ELEC3850 and/or Practice ENGG3860** will take the following courses:

- RENE4900A Renewable Engineering Project A (10 units)
- RENE4900B Renewable Engineering Project B (10 units)
- CHEE4945A Design Project A (10 units)
- CHEE4945B Design Project B (10 units)
- Students in this situation who ***also*** have an available 10-unit Elective course are permitted and strongly encouraged to choose CHEE2825 Chemical and Renewables Engineering Laboratory as one 10-unit Elective course.