

BACHELOR OF MECHANICAL ENGINEERING (HONOURS)

Program Code: 40061

CRICOS Code: 018795A

Callaghan Campus



Transition Arrangements

Last Updated: October 2020

The following description outlines the approved transition arrangements for students who commenced in the Bachelor of Mechanical 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> <i>After 2021, the option to do MATH1210 and MATH1220 has been removed from the program.</i> 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>PHYS1210 Advanced Physics 1*</p> <p><i>(Or with Program Convenor approval, PHYS1205 Fundamentals of Engineering Physics)</i></p>	<p>If you have not completed PHYS1210 (or PHYS1205) prior to 2021, then you will complete</p> <p>ENGG2100 Engineering Risk and Uncertainty *</p> <p>(ENGG2100 will count in place of PHYS1210)</p>
<p>MECH2710 Fluid Mechanics 1</p>	<p>ENGG2300 Engineering Fluid Mechanics</p>
<p>MECH2250 Materials Science Engineering 1</p>	<p>MECH1750 Engineering Materials 1</p>

***PHYS1210 Advanced Physics 1 and ENGG2100 Engineering Risk and Uncertainty**

From 2021 onwards PHYS1210 Advanced Physics 1 (10 units) (*or with Program Convenor approval, PHYS1205 Fundamentals of Engineering Physics (10 units)*) was removed from the program and ENGG2100 Engineering Risk and Uncertainty (10 units) was added as a new core course. If you completed PHYS1210 prior to 2021, it still counts towards your program. You do not have to complete ENGG2100. Students in this situation who **also** have an available 10-unit Elective course are permitted to choose ENGG2100 as one 10-unit Elective course.

If you did not complete PHYS1210 (*or PHYS1205*) prior to 2021 then you must complete ENGG2100.