

# Course progression map for 2021 commencing students

This progression map provides advice on the suitable sequencing of units and guidance on how to plan unit enrolment for each semester of study. It does not substitute for the list of required units as described in the course 'Requirements' section of the [Handbook](#). Please note that the map is subject to updates. Update version: 9 October 2020

## E3009 Bachelor of Engineering (Honours) and Bachelor of Architectural Design

### Engineering specialisation - Civil engineering

<b>YEAR 1</b> Semester 1	<a href="#">ENG1090</a> Foundation mathematics or <a href="#">ENG1002</a> Engineering Design: cleaner safer smarter (if <a href="#">ENG1090</a> is not required)	<a href="#">ARC1301</a> Architecture communications 1	<a href="#">ARC1001</a> Foundation studio 1		<a href="#">OHS1000</a> Introduction to art and design health and safety (0 points)	If two foundation units are required, then overload is required for <a href="#">PHS1001</a> Foundation physics
<b>YEAR 1</b> Semester 2	<a href="#">ENG1001</a> Engineering design: lighter, faster, stronger	<a href="#">ARC2301</a> Architecture communications 2	<a href="#">ARC1002</a> Foundation studio 2			
<b>YEAR 2</b> Semester 1	<a href="#">ENG1005</a> Mathematics for engineering	<a href="#">ENG1060</a> Computing for engineers	<a href="#">CIV2206</a> Structural mechanics	<a href="#">CIV2282</a> Transport and traffic engineering		
<b>YEAR 2</b> Semester 2	<a href="#">ENG1002</a> Engineering Design: cleaner safer smarter (if not already completed) or <a href="#">Level one engineering unit</a>	<a href="#">ENG2005</a> Advanced engineering mathematics	<a href="#">CIV2235</a> Structural materials	<a href="#">CIV2242</a> Geomechanics 1		
<b>YEAR 3</b> Semester 1	<a href="#">AHT1101</a> Introduction to the history and theory of art, design and architecture	<a href="#">ARC2401</a> Contemporary architecture	<a href="#">ARC2001</a> Architecture design studio 3			
<b>YEAR 3</b> Semester 2	<a href="#">ARC3401</a> Architecture and the city	<a href="#">ARC2402</a> 19 <sup>th</sup> and 20 <sup>th</sup> century architecture	<a href="#">ARC2002</a> Architecture design studio 4			
<b>YEAR 4</b> Semester 1	<a href="#">CIV4286</a> Project management for civil engineers	<a href="#">CIV3294</a> Structural design	<a href="#">CIV3248</a> Groundwater and environmental geomechanics	<a href="#">CIV2263</a> Water systems		
<b>YEAR 4</b> Semester 2	<a href="#">CIV3221</a> Building structures and technology	<a href="#">CIV3204</a> Engineering investigation	<a href="#">ENG1003</a> Engineering mobile applications	<a href="#">CIV3247</a> Geomechanics 2		
<b>YEAR 5</b> Semester 1	<a href="#">CIV4280</a> Bridge design and assessment	<a href="#">CIV3285</a> Engineering hydrology	<a href="#">ARC3001</a> Architecture design studio 5		<a href="#">ENG0001</a> Continuous Professional Development (0 credit points)	
<b>YEAR 5</b> Semester 2	<a href="#">CIV4212</a> Civil and environmental engineering practice	<a href="#">CIV4210</a> Project A	<a href="#">CIV4287</a> Road engineering	<a href="#">CIV4288</a> Water treatment		

Civil engineering	Architectural design
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- Note:
- You cannot swap the semesters of any of the units.
  - You are required to complete at least 420 hours of Continuous Professional Development (CPD) in order to graduate. For further information refer to the [CPD webpage](#).
  - For enrolment advice, please refer to the [Course advisers webpage](#).