

## Course progression map for 2023 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: 11 October 2024

### E3009 Bachelor of Engineering (Honours) and Bachelor of Architectural Design Specialisation - Civil Engineering

Year 1 Semester 1 February	<a href="#">ENG1090</a> Foundation mathematics* or <a href="#">ENG1012</a> Engineering design (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 *
Year 1 Semester 2 July	<a href="#">ENG1011</a> Engineering methods	<a href="#">ARC2301</a> Architecture communications 2	<a href="#">ARC1002</a> Foundation studio 2			
Year 2 Semester 1 February	<a href="#">ENG1005</a> Engineering mathematics <i>Required: <a href="#">ENG1090</a> *</i>	<a href="#">ENG1014</a> Engineering numerical analysis <i>Required: <a href="#">ENG1005</a></i>	<a href="#">CIV2206</a> Structural mechanics	<a href="#">CIV2263</a> Water systems		
Year 2 Semester 2 July	<a href="#">ENG1012</a> Engineering design (if not already completed) or <a href="#">First Year engineering technical elective</a> (if no foundation unit is required)	<a href="#">ENG2005</a> Advanced engineering mathematics	<a href="#">CIV2235</a> Structural materials	<a href="#">CIV2242</a> Geomechanics 1		
Year 3 Semester 1 February	<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			
Year 3 Semester 2 July	<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			
Year 4 Semester 1 February	<a href="#">CIV3294</a> Structural design	<a href="#">CIV2282</a> Transport and traffic engineering	<a href="#">ARC3001</a> Architecture design studio 5			
Year 4 Semester 2 July	<a href="#">CIV3221</a> Building structures and technology	<a href="#">CIV3283</a> Road engineering	<a href="#">ENG1013</a> Engineering smart systems	<a href="#">CIV3247</a> Geomechanics 2		
Year 5 Semester 1 February	<a href="#">ENG4701</a> Final year project A	<a href="#">CIV4280</a> Bridge design and assessment	<a href="#">CIV4249</a> Foundation engineering	<a href="#">CIV3285</a> Engineering hydrology	<a href="#">ENG0001</a> Continuous Professional Development (0 credit points)	
Year 5 Semester 2 July	<a href="#">ENG4702</a> Final year project B	<a href="#">CIV4286</a> Project management for civil engineers <i>Replace with one <a href="#">Professional Practice domain unit</a></i>	<a href="#">CIV4212</a> Civil and environmental engineering practice	<a href="#">CIV4288</a> Water treatment		

Civil engineering	Architectural design
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- NOTE:
- \* Foundation units: You enrol in the foundation units [ENG1090](#) and/or [PHS1001](#) if you have not completed the Australian VCE (Units 3 & 4) or equivalent Specialist mathematics and/or Physics with [the required study score](#).
  - You cannot swap the semesters of any of the units.
  - Engineering minors are not available in the Engineering double degree courses.
  - 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](#).