



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 should be used in conjunction with the requirements of the course as specified in the [Handbook](#). The map is subject to updates. Update version: 23 September 2021

E3009 Bachelor of Engineering (Honours) and Bachelor of Architectural Design Civil engineering specialisation

Year 1 Semester 1 February	ENG1090 Foundation mathematics* or ENG1002 Engineering Design: cleaner safer smarter (If ENG1090 is not required)	ARC1301 Architecture communications 1	ARC1001 Foundation studio 1	OHS1000 Introduction to art and design health and safety (0 points)	If two foundation units are required, then overload is required for PHS1001 Foundation physics*
Year 1 Semester 2 July	ENG1001 Engineering design: lighter, faster, stronger	ARC2301 Architecture communications 2	ARC1002 Foundation studio 2		
Year 2 Semester 1 February	ENG1005 Mathematics for engineering	ENG1060 Computing for engineers	CIV2206 Structural mechanics	CIV2263 Water systems	
Year 2 Semester 2 July	ENG1002 Engineering Design: cleaner safer smarter (If not already completed) or First Year engineering technical elective (If no foundation unit is required)	ENG2005 Advanced engineering mathematics	CIV2235 Structural materials	CIV2242 Geomechanics 1	
Year 3 Semester 1 February	AHT1101 Introduction to the history and theory of art, design and architecture	ARC2401 Contemporary architecture	ARC2001 Architecture design studio 3		
Year 3 Semester 2 July	ARC3401 Architecture and the city	ARC2402 19 th and 20 th century architecture	ARC2002 Architecture design studio 4		
Year 4 Semester 1 February	CIV3285 Engineering hydrology	CIV3294 Structural design	CIV3248 Groundwater and environmental geomechanics	CIV2282 Transport and traffic engineering	
Year 4 Semester 2 July	CIV3221 Building structures and technology	CIV3283 Road engineering	ENG1003 Engineering mobile applications Replace with ENG1013 from 2022	CIV3247 Geomechanics 2	
Year 5 Semester 1 February	ENG4701 Final year project A	CIV4280 Bridge design and assessment	ARC3001 Architecture design studio 5	ENG0001 Continuous Professional Development (0 credit points)	
Year 5 Semester 2 July	ENG4702 Final year project B	CIV4286 Project management for civil engineers	CIV4212 Civil and environmental engineering practice	CIV4288 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.
- 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](#).