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: 25 July 2022

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

Specialisation - Civil Engineering

Year 1 Semester 1 February	ENG1090 Foundation mathematics* or ENG1012 Engineering design *(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	ENG1011 Engineering methods	ARC2301 Architecture communications 2	ARC1002 Foundation studio 2			
Year 2 Semester 1 February	ENG1005 Engineering mathematics *Required: ENG1090 **	ENG1014 Engineering numerical analysis *Required: ENG1005*	CIV2206 Structural mechanics	CIV2263 Water systems		
Year 2 Semester 2 July	ENG1012 Engineering design *(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 19th and 20th century architecture	ARC2002 Architecture design studio 4			
Year 4 Semester 1 February	CIV3294 Structural design	CIV2282 Transport and traffic engineering	ARC3001 Architecture design studio 5			
Year 4 Semester 2 July	CIV3221 Building structures and technology	CIV3283 Road engineering	ENG1013 Engineering smart systems	CIV3247 Geomechanics 2		
Year 5 Semester 1 February	ENG4701 Final year project A	CIV4280 Bridge design and assessment	CIV4249 Foundation engineering	CIV3285 Engineering hydrology	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

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.