MONASH University

Course progression map for 2016 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 and subject to updates. It should be used in conjunction with the requirements of the course as specified in the Handbook. The map is subject to updates. Last update: 18 October 2021

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

Engineering specialisation - Civil engineering

	Bachelor of Engineering (Honours)	Bachelor of Architectural Design			
Year 1 Semester 1	ENG1090 foundation engineering *(if needed)* *or* ENG1001 Engineering design: lighter, faster, stronger	ARC1301 Architecture communications 1	ARC1001 Foundation studio 1		OHS1000 Introduction to art and design health and safety
Year 1 Semester 2	ENG1005 Mathematics for engineering	ARC2301 Architecture communications 2	ARC1002 Foundation studio 2		
Year 2 Semester 1	ENG1003 Engineering mobile applications	CIV2206 Mechanics of solids *Unit title change from 2019*	ENG1001 Engineering Design: lighter, faster, stronger (if not already completed) *or* ENG1002 Engineering Design: cleaner safer smarter	CIV2225 Design of steel and timber structures *Replace with CIV2235 from 2021*	If two foundation units are required then overload is required for PHS1080 Foundation physics *Replaced by PHS1001 from 2018*
Year 2 Semester 2	ENG1060 Computing for engineers	ENG2005 Advanced engineering mathematics	CIV2242 Geomechanics 1	ENG1002 Engineering Design: cleaner safer smarter (if not already completed) *or* first year engineering elective unit	
Year 3 Semester 1	AHT1101 Introduction to visual culture in art, design and architecture	ARC2401 Contemporary architecture	ARC2001 Architecture design studio 3		
Year 3 Semester 2	ARC3401 Architecture and the city	ARC2402 19th and 20th Century architecture	ARC2002 Architecture design studio 4		
Year 4 Semester 1	CIV3285 Engineering hydrology	CIV3284 Design of concrete and masonry structures *Replace with CIV3294 from 2022*	CIV3248 Groundwater and environmental geomechanics	CIV2263 Water Systems	
Year 4 Semester 2	CIV3221 Building structures and technology	CIV3204 Engineering investigation *See footnote*	CIV2282 Transport and traffic engineering	CIV3247 Geomechanics 2	
Year 5 Semester 1	CIV4210 Project A *Replace with ENG4701 from 2022. See footnote*	CIV4280 Bridge design and assessment	ARC3001 Architecture design studio 5		
Year 5 Semester 2	CIV4287 Road Engineering *Replace with ENG4702 from 2022. See footnote*	CIV4286 Project management for civil engineers	CIV4212 Civil and environmental engineering practice	CIV4288 Water treatment	

Note:

- **FROM 2022:** Following a recent advice by Engineers Australia, you must complete 12 CP of a final year project in order to meet professional accreditation requirements. Please seek course advice from the Student Services at the Faculty of Engineering.
- **CIV4210** – If you are course-completing in 2022/S1, complete CIV4210 (for 6CP FYP) or CIV4211 (if undertaking 12CP FYP). Otherwise, replace CIV4210 with ENG4701 from 2022.
- **CIV3204** – If you have not completed CIV3204 by 2021, replace CIV3204 with CIV3283 Road engineering from 2022.
- **CIV4287** – If you have completed CIV3204 but not CIV4287 by 2021, replace CIV4287 with ENG4702 from 2022. CIV3283 is highly recommended to be taken as a level 3 civil engineering technical elective.
- The placement of units may be rearranged to support sequencing for double degree courses but care should be taken to ensure sequenced units are maintained in sequence.
- 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

Source: *Monash University 2016 Handbook* –http://www.monash.edu.au/pubs/2016handbooks/maps/map-e3009.pdf *CRICOS Provider Number: 00008C*