

Course progression map for 2020 commencing students - NOVEMBER ADMISSION

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: 12 August 2020

E3011 Bachelor of Engineering (Honours) and Bachelor of Information Technology

If no foundation units are required:

Year	Sem	Units			
1	November	ENG1001 Engineering design: lighter, faster, stronger	ENG1005 Engineering Mathematics	ENG1060 Computing for engineers	FIT1045 Algorithms and Programming Fundamentals in Python or FIT1051 Programming Fundamentals in Java
	1	ENG1002 Engineering design: cleaner, safer, smarter	ENG1003 Engineering mobile apps	Level 1 Engineering Elective*	FIT1047 Introduction to Computer Systems, network and security

If you need to enrol in foundation physics and maths (ENG1001 must be taken in second year):

		ENG1090 Foundation	FIT1045 Algorithms and	Level one Information	FIT1047 Introduction to Computer]
	November	mathematics	Programming Fundamentals in	Technology Elective	Systems, network and security	
			Python or FIT1051 Programming			
1			Fundamentals in Java			
		ENG1002 Engineering design:	ENG1005 Engineering	ENG1060 Computing	PHS1001 Foundation physics	ENG1003
	1	cleaner, safer, smarter	mathematics	for		Engineering
				engineers		mobile apps **

If you need to enrol in foundation maths:

1		November	ENG1001 Engineering design: lighter, faster, stronger	FIT1045 Algorithms and Programming Fundamentals in Python or FIT1051 Programming Fundamentals in Java	ENG1090 Foundation mathematics	FIT1047 Introduction to Computer Systems, network and security
		1	ENG1002 Engineering design: cleaner, safer, smarter	ENG1005 Engineering mathematics	ENG1060 Computing for engineers	ENG1003 Engineering Mobile Apps

If you need to enrol in foundation physics (ENG1001 must be taken in second year):

Ī			ENG1060 Computing for	FIT1045 Algorithms and	ENG1005 Engineering	FIT1047 Introduction to Computer
		November	engineers	Programming Fundamentals in	Mathematics	Systems, network and security
				Python or FIT1051 Programming		
	1			Fundamentals in Java		
		1	ENG1002 Engineering design: cleaner, safer, smarter	PHS1001 Foundation physics	ENG1003 Engineering Mobile Apps	FIT1049 IT Professional Practice
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Common first year

information rechnology Electives:
FIT1045 Algorithms & prog fundaments in python

Electives available in November

FIT1051 Programming fundaments in Java

FIT1050 Web fundamentals

FIT1046 Interactive media foundations

MAT1830 Discrete mathematics for computer science

*A minimum of one Engineering elective unit must be taken as part of the course

** Students requiring foundation maths and physics must overload in second semester of first year.

Note:

- This course map guides you in commencing your Year 1 study in November. For Years 2, 3 and 4 study, please refer to the March/July map for your course.
- You are required to complete the Continuous Professional Development in order to graduate. For enrolment advice, please speak with a course adviser in your specialisation. Refer to the Course Advisers webpage..

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