MONASH University

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

Common first year

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):

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

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

Electives available in November
Information Technology Electives: FIT1045 Algorithms & prog fundaments in python 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..