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

E3001 Bachelor of Engineering (Honours)

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	Elective unit or Level one engineering elective unit*
	1	ENG1002 Engineering design: cleaner, safer, smarter	ENG1003 Engineering mobile apps	Elective unit or Level one engineering elective unit*	Elective unit

If you need to enrol in foundation physics and maths (ENG1002 must be taken in second year):

1	November	ENG1090 Foundation mathematics	FIT1045 Algorithms and Programming Fundamentals in Python**	Level one engineering elective unit	Level two elective unit
	1	ENG1001 Engineering design: lighter, faster, stronger	ENG1005 Engineering mathematics	ENG1060 Computing for engineers	PHS1001 Foundation physics

If you need to enrol in foundation maths:

1	November	ENG1001 Engineering design: lighter, faster, stronger	FIT1045 Algorithms and Programming Fundamentals in Python**	ENG1090 Foundation mathematics	Elective unit or Level one engineering elective unit*
	1	ENG1002 Engineering design: cleaner, safer, smarter	ENG1005 Engineering mathematics	ENG1060 Computing for engineers	Elective unit or Level one engineering elective unit

If you need to enrol in foundation physics:

1	November	ENG1060 Computing for engineers	FIT1045 Algorithms and Programming Fundamentals in Python**	ENG1005 Engineering Mathematics	Elective unit or Level one engineering elective unit*
	1	ENG1002 Engineering design: cleaner, safer, smarter	PHS1001 Foundation physics	ENG1001 Engineering design: lighter, faster, stronger	Elective unit or Level one engineering elective unit

First year engineering electives on offer in November

CHE1010 Grand challenges in chemical engineering: Delivering sustainable food, water and energy

ENG1051 Materials for energy and sustainability

RSE2010 Fixed plant engineering and project management (only permitted if enrolled in ENG1001 concurrently)

*A minimum of one Engineering elective unit must be taken in first year

** FIT1045 is taken in lieu of ENG1003 for students who require Foundation Maths and Physics

A number of electives are on offer from other Faculties which you can choose if you have a free elective spot. Please refer to the handbook.

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.**
- For enrolment advice, please speak with a course adviser in your specialisation. Refer to the Course Advisers webpage if you are in Clayton.