

## Course progression map for 2021 commencing students – OCTOBER 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: 15 October 2021

### Common first year

For engineering specialisations: Aerospace, Chemical, Civil, Electrical and computer systems, Environmental, Materials, Mechanical, Robotics and mechatronics and Software.

### E3001 Bachelor of Engineering (Honours)

#### If no foundation units are required

Year	Sem	Units			
1	October	<a href="#">ENG1001</a> Engineering design: Lighter, faster, stronger	<a href="#">ENG1005</a> Engineering mathematics <i>Required: ENG1090 *</i>	<a href="#">ENG1060</a> Computing for engineers <i>Corequisite: ENG1005</i>	<a href="#">ENG1003</a> Engineering mobile apps
	Sem 1 Feb	<a href="#">ENG1002</a> Engineering design: Cleaner, safer, smarter	<a href="#">First Year engineering technical elective</a>	<a href="#">Elective</a>	<a href="#">Elective</a>

#### If you need to enrol in foundation physics (PHS1001) and foundation maths (ENG1090)

1	October	<a href="#">ENG1001</a> Engineering design: Lighter, faster, stronger	<a href="#">ENG1090</a> Foundation mathematics*	<a href="#">ENG1003</a> Engineering mobile apps	First Year engineering technical elective
	Sem 1 Feb	<a href="#">ENG1002</a> Engineering design: Cleaner, safer, smarter	<a href="#">ENG1005</a> Engineering mathematics <i>Required: ENG1090 *</i>	<a href="#">ENG1014</a> Engineering numerical analysis <i>Corequisite: ENG1005</i>	<a href="#">PHS1001</a> Foundation physics* <i>Corequisite: ENG1090 *</i>

#### If you need to enrol in foundation maths (ENG1090)

1	October	<a href="#">ENG1001</a> Engineering design: Lighter, faster, stronger	<a href="#">ENG1090</a> Foundation mathematics*	<a href="#">ENG1003</a> Engineering mobile apps	First Year engineering technical elective
	Sem 1 Feb	<a href="#">ENG1002</a> Engineering design: Cleaner, safer, smarter	<a href="#">ENG1005</a> Engineering mathematics <i>Required: ENG1090 *</i>	<a href="#">ENG1014</a> Engineering numerical analysis <i>Corequisite: ENG1005</i>	<a href="#">Elective</a>

#### If you need to enrol in foundation physics (PHS1001)

1	October	<a href="#">ENG1003</a> Engineering mobile apps	<a href="#">ENG1005</a> Engineering mathematics <i>Required: ENG1090 *</i>	<a href="#">ENG1060</a> Computing for engineers <i>Corequisite: ENG1005</i>	First Year engineering technical elective
	Sem 1 Feb	<a href="#">ENG1001</a> Engineering design: Lighter, faster, stronger	<a href="#">ENG1002</a> Engineering design: Cleaner, safer, smarter	<a href="#">PHS1001</a> Foundation physics* <i>Required: ENG1090 *</i>	<a href="#">Elective</a>

### NOTE

#### \* FOUNDATION UNITS

You must 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](#).

#### ENGINEERING ELECTIVES

The First Year engineering technical elective on offer in October is [ENG1021](#) Spatial Communication in Engineering

The free elective unit(s) may be chosen either from [the engineering technical electives list](#) or from other faculties within the University, provided you meet the unit prerequisites. Please refer to the [Handbook](#) for units available and seek course advice if unsure.

*This course map guides you in commencing your Year 1 study in October. For Years 2, 3 and 4 study, please refer to the July map for your course.*