

Bachelor of Engineering (Honours) (Mechanical)



Commencing in Trimester 3, 2018



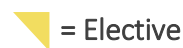
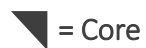
Studying at Singapore

The Program Plan below is your guide to enrolment. Following this plan will ensure you are on the right path to graduation. Before you vary from this plan ensure you seek advice from your [Program Advisor](#).



	Trimester 3				Trimester 1				Trimester 2			
Year 1	ENGG1003 Introduction to Procedural Programming	ENGG1500 Introduction to Professional Engineering	MATH1110 Mathematics for Engineering, Science and Technology 1	PHYS1210 Advanced Physics I	CIVL1100 Fundamentals of Engineering Mechanics	ELEC1310 Introduction to Electrical Engineering	MECH1110 Mechanical Drawing/CAD and Workshop Practice	MATH1120 Mathematics for Engineering, Science and Technology 2	MECH2110 Mechanical Engineering Design 1	MECH2360 Dynamics of Machines	ENGG2500 Sustainable Engineering Practice	MATH2310 Calculus of Science and Engineering
Year 2	MECH2250 Materials Science and Engineering 1	MECH2430 Mechanics of Solids 1	MECH2450 Engineering Computations 2	MECH2710 Fluid Mechanics 1	MECH3110 Mechanical Engineering Design 2	MECH3400 Materials Science and Engineering 2	MECH3695 Heat Transfer	ELECTIVE Pathway course	MECH3720 Thermodynamics	MECH3780 Fluid Mechanics 2 and CFD	ELECTIVE Pathway course	ELECTIVE Pathway course
Year 3	MECH4410 Mechanics of Solids 2 and FEA	MECH4841A Mechanical Engineering Project A	ENGG2440 Modelling and Control	ENGG3500 Managing Engineering Projects	MECH4841B Mechanical Engineering Project B (20 units) <i>This course must be taken in the semester following MECH4841A</i>		ENGG4500 Engineering Complexity	ELECTIVE Pathway course				

Program Plan Key:



To be eligible to graduate make sure you have completed 320 units (10 units = 1 course unless otherwise specified) which meet the following criteria:

- ✓ Core courses - 280 units.
- ✓ Elective - 40 units. Visit the [Course Handbook](#) to see a list of all available minors.
- ✓ It is also a requirement that students complete a total of 12 weeks of [industrial experience](#).
- ✓ The duration of this program is 3 years full time (40 units per trimester) study or part time equivalent.
- ✓ The maximum time to complete this program is 10 years.



Some courses have assumed knowledge and/or requisites, please refer to the individual [Course Handbook](#).

The [Program Handbook](#) has valuable information on program structure and requirements, if you are intending on studying part time or varying from this program plan please seek prior advice from your [Program Advisor](#).