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2021 Study Plan Template

Bachelor of Engineering (Robotics) (Honours), Master of Engineering (Electronics)

Please note that this document is provided as a guide only. Students are responsible for ensuring that they have completed 180 units of study according to the official course rule available at https://students.flinders.edu.au/my-course/course-rules/undergrad/bengrhmee

Students are responsible for planning their Core and Option Topics ahead to ensure they meet the topic prerequisites.

A list of all topics, including topic prerequisite information and alternate study period availabilities, is available at Topics 2021.

Semester 1, 2021 start:

Year 1	**S1**	ENGR1721 Engineering Programming	ENGR1711 Engineering Design	ENGR1732 Engineering Mechanics	MATH1121 Mathematics 1A
	S2	ENGR1201 Electronics	ENGR1401 Professional Skills	ENGR1722 Engineering Physics and Materials	MATH1122 Mathematics 1B
Year 2	**S1**	ENGR2711 Engineering Mathematics	ENGR2721 Microprocessors	ENGR2731 Electronic Circuits	ENGR2781 Mechanical Design Project
	S2	COMP2711 Computer Programming 2	ENGR2702 Electrical Circuits and Machines	ENGR2722 Analysis of Engineering Systems	ENGR2772 Sensors and Actuators
Year 3	**S1**	ENGR3701 Computer Organisation and Design	ENGR3711 Control Systems	ENGR3721 Signal Processing	ENGR3771 Robotic Systems
	S2	ENGR2712 Automation and Industrial Control	DSGN2702 Design for Manufacture	ENGR2771 Dynamics	ENGR7812 Power Electronics
Year 4	**S1**	ENGR9831 Communication Systems GE	ENGR7711 Advanced Control Systems	ENGR7712 Autonomous Systems	Year 4 Option Topic^:
	NS1	ENGR3750 Workplace Preparation (0 units)			
	S2	ENGR9704 Engineering Management	ENGR3700 Engineering Practicum or ENGR3710 International Engineering Practicum (13.5 units)		

Year 5	**S1**	ENGR9700A Masters Thesis (4.5/18 units)	ENGR9700B Masters Thesis (4.5/18 units)	ENGR9700C Masters Thesis (4.5/18 units)	Year 5 Option Topic^^:
	S2	ENGR9700D Masters Thesis (4.5/18 units)	ENGR9742 Systems Engineering	Year 5 Option Topic^^:	Year 5 Option Topic^^:

Semester 2, 2021 start:

Year 1	**S2**	ENGR1201 Electronics	ENGR1401 Professional Skills	ENGR1722 Engineering Physics and materials	MATH1121 Mathematics 1A
	S1	ENGR1721 Engineering Programming	ENGR1711 Engineering Design	ENGR1732 Engineering Mechanics	MATH1122 Mathematics 1B
Year 2	**S2**	COMP2711 Computer Programming 2	ENGR2702 Electrical Circuits and Machines	ENGR2722 Analysis of Engineering Systems	ENGR2772 Sensors and Actuators
	S1	ENGR2711 Engineering Mathematics	ENGR2721 Microprocessors	ENGR2731 Electronic Circuits	ENGR2781 Mechanical Design Project
Year 3	**S2**	ENGR2712 Automation and Industrial Control	DSGN2702 Design for Manufacture	ENGR2771 Dynamics	ENGR7812 Power Electronics
	S1	ENGR3701 Computer Organisation and Design	ENGR3711 Control Systems	ENGR3721 Signal Processing	ENGR3771 Robotic Systems
	NS1	ENGR3750			
Year 4	**S2**	ENGR9704 Engineering Management	ENGR3700 Engineering Practicum or ENGR3710 International Engineering Practicum (13.5 units)		
	S1	ENGR9831 Communication Systems Ge	ENGR7711 Advanced Control Systems	ENGR7712 Autonomous Systems	Year 4 Option Topic^:

Year 5	**S2**	ENGR9700A Masters Thesis (4.5/18 units)	ENGR9742 Systems Engineering	Year 5 Option Topic^^:	Year 5 Option Topic^^:
	S1	ENGR9700B Masters Thesis (4.5/18 units)	ENGR9700C Masters Thesis (4.5/18 units)	ENGR9700D Masters Thesis (4.5/18 units)	Year 5 Option Topic^^:

Key:	
Core Topic	Compulsory topic
Option Topic	A choice from a list of specified topics (see below)

Update below as necessary:

Year 4 Option topic^:	**Year 5 Option Topic^^:**
ENGR7761 Image Processing (4.5 units) ENGR8791 Mechanics and Structures (4.5 units)	ENGR9801 Mechanics of Machines GE (4.5 units) DSGN7722 International Industrial Design (4.5 units) ENGR7732 Instrumentation (4.5 units) ENGR7762 Renewable Energy Systems (4.5 units) #With the permission of the Course Coordinator students may enrol in any other relevant topics where prerequisites are satisfied ##With the permission of the if the Course Coordinator eligible students may enrol in Advanced Studies for Engineering