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2020 Study Plan Template

Master of Engineering Science (Electrical and Electronic)

Please note that this document is provided as a guide only. Students are responsible for ensuring that they have completed 72 units of study according to the official course rule available at https://students.flinders.edu.au/my-course/course-rules/postgrad/mengscs/mengscee

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 2020

Semester 1, 2020 start:

Year 1	**S1**	**Option Year 1 topic:**	**Option Year 1 topic:**	**Option Year 1 topic:**	**Option Year 1 topic:**
	S2	**Option Year 1 topic:**	**Option Year 1 topic:**	**Option Year 1 topic:**	**Option Year 1 topic:**
Year 2	**S1**	**ENGR9710A:** Master Project (4.5 units)	**Option Year 2 topic:**	**Option Year 2 topic:**	**Option Year 2 topic:**
	S2	**ENGR9710B:** Masters Project (4.5 units)	**ENGR9704:** Project Management and Innovation (4.5 units)	**Option Year 2 topic:**	**Option Year 2 topic:**

Semester 2, 2020 start:

Year 1	**S2**	**Option Year 1 topic:**	**Option Year 1 topic:**	**Option Year 1 topic:**	**Option Year 1 topic:**
	S1	**Option Year 1 topic:**	**Option Year 1 topic:**	**Option Year 1 topic:**	**Option Year 1 topic:**
Year 2	**S2**	**ENGR9710A:** Master Project (4.5 units)	**ENGR9704:** Project Management and Innovation (4.5 units)	**Option Year 2 topic:**	**Option Year 2 topic:**
	S1	**ENGR9710B:** Masters Project (4.5 units)	**Option Year 2 topic:**	**Option Year 2 topic:**	**Option Year 2 topic:**

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

Option Year 1 Topics:
36 units selected from:
COMP8801 Computer Programming 2 GE (4.5 units)
ENGR8703 Electronics GE (4.5 units)
ENGR8712 Automation and Industrial Control GE (4.5 units)
ENGR8722 Analysis of Engineering Systems GE (4.5 units)
ENGR8731 Microprocessors GE (4.5 units)
ENGR8752 Engineering Physics and Materials GE (4.5 units)
ENGR8761 Engineering Mathematics GE (4.5 units)
ENGR8771 Electronic Circuits GE (4.5 units)
ENGR8991 Electrical Engineering Principles GE (4.5 units)

Option Year 2 Topics:
22.5 units selected from:
ENGR7712 Autonomous Systems (4.5 units)
ENGR7762 Renewable Energy Systems (4.5 units)
ENGR7851 Advanced Electronic Design (4.5 units)
ENGR8772 Sensors and Actuators GE (4.5 units)
ENGR8802 Electrical Circuits and Machines GE (4.5 units)
ENGR9721 Control Systems GE (4.5 units)
ENGR9771 Robotic Systems GE (4.5 units)
ENGR9781 Computer Organisation and Design GE (4.5 units)
ENGR9821 Signal Processing GE (4.5 units)
ENGR9831 Communication Systems GE (4.5 units)
ENGR9861 Electromagnetics and Electromagnetic Waves GE (4.5 units)
ENGR9761 Electrical Energy Systems GE (4.5 units)
ENGR9921 Network Engineering GE (4.5 units)