

2020 Study Plan Template

Master of Engineering Science (Biomedical)

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/mengscb>

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](#)

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

Semester 1, 2021 start:

Year 1	S1	Select Four Topics from: COMP8801 Computer Programming 2 GE ENGR8731 Microprocessors GE ENGR8761 Engineering Mathematics GE ENGR8800 Engineering Programming GE ENGR8812 Engineering Mechanics GE MMED8931 Human Physiology GE			
	S2	Select Four Topics from: COMP8801 Computer Programming 2 GE ENGR8703 Electronics GE ENGR8722 Analysis of Engineering Systems GE ENGR8752 Engineering Physics and Materials GE ENGR8772 Sensors and Actuators GE ENGR8800 Engineering Programming GE			
Year 2	S1	ENGR9710A Masters Project	Year Two Option Topic from list on next page	Year Two Option Topic from list on next page	Year Two Option Topic from list on next page
	S2	ENGR9710B Masters Project	ENGR9704 Engineering Management	Year Two Option Topic from list on next page	Year Two Option Topic from list on next page

Semester 2, 2021 start:

Year 1	S2	Select Four Topics from: COMP8801 Computer Programming 2 GE ENGR8703 Electronics GE ENGR8722 Analysis of Engineering Systems GE ENGR8752 Engineering Physics and Materials GE ENGR8772 Sensors and Actuators GE ENGR8800 Engineering Programming GE			
	S1	Select Four Topics from: COMP8801 Computer Programming 2 GE ENGR8731 Microprocessors GE ENGR8761 Engineering Mathematics GE ENGR8800 Engineering Programming GE ENGR8812 Engineering Mechanics GE MMED8931 Human Physiology GE			
Year 2	S2	ENGR9710A Masters Project	ENGR9704 Engineering Management	Year Two Option Topic from list on next page	Year Two Option Topic from list on next page
	S1	ENGR9710B Masters Project	Year Two Option Topic from list on next page	Year Two Option Topic from list on next page	Year Two Option Topic from list on next page

Option - Year 2 topics

Select ONE Topic from this list:

- [ENGR7701](#) Advanced Biomechanics (Semester Two, ENGR8732)
- [ENGR7702](#) Biomaterials (Semester Two)
- [ENGR7707](#) Medical Physics (Semester One)
- [ENGR7709](#) Real Time Systems (not offered in 2021)
- [ENGR7711](#) Advanced Control Systems (Semester One, needs ENGR9721))
- [ENGR7771](#) Rehabilitation and Assistive Technologies (Semester Two)
- [ENGR7961](#) Finite Element Methods (Semester One)
- MMEDxxxx MMED topics with approval from the Course Coordinator (4.5 units)

Select FOUR Topic from this list:

- [ENGR8732](#) Biomechanics GE (Semester Two)
- [ENGR8742](#) Biomedical Instrumentation GE (Semester Two)
- [ENGR8801](#) Fluid Mechanics GE (Semester One)
- [ENGR9721](#) Control Systems GE (Semester One)
- [ENGR9741](#) Physiological Measurement GE (Semester One)
- [ENGR9811](#) Solid Mechanics GE (Semester One)