

2020 Study Plan Template

Master of Science (Chemistry)

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/msc>

Students are responsible for planning their Core and Option Topics and Elective 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	STEM8001 Research Methods and Professional Skills	Year One Option Topic	Year One Option Topic	Year One Option Topic
	S2	ENGR9704 Project Management and Innovation	Year One Option Topic	Year One Option Topic	Year One Option Topic
Year Two Option One: 22.5-unit Research Project					
Year 2	S1	CPES7701 Advanced Research Skills	CPES7711 Advanced Techniques in Chemical and Physical Science	CPES7721 Advanced Chemical and Physical Science	CPES9700A Masters Research Project
	S2	CPES9700B Masters Research Project	CPES9700C Masters Research Project	CPES9700D Masters Research Project	CPES9700E Masters Research Project
Year Two Option Two: 13.5-unit Research Project					
Year 2	S1	CPES7701 Advanced Research Skills	STEM9100A Masters Research Project	Year Two Option Topic	Year Two Option Topic
	S2	STEM9100B Masters Research Project	STEM9100C Masters Research Project	Year Two Option Topic	Year Two Option Topic

Semester 2, 2020 start:

Year 1	S2	STEM8001 Research Methods and Professional Skills	ENGR9704 Project Management and Innovation	Year One Option Topic	Year One Option Topic
	S1	Year One Option Topic	Year One Option Topic	Year One Option Topic	Year One Option Topic
Year Two Option One: 22.5-unit Research Project					
Year 2	S2	CPES7701 Advanced Research Skills	CPES9700A Masters Research Project	CPES9700B Masters Research Project	CPES9700C Masters Research Project
	S1	CPES7711 Advanced Techniques in Chemical and Physical Science	CPES7721 Advanced Chemical and Physical Science	CPES9700D Masters Research Project	CPES9700E Masters Research Project
Year Two Option Two: 13.5-unit Research Project					
Year 2	S2	CPES7701 Advanced Research Skills	STEM9100A Masters Research Project	Year Two Option Topic	Year Two Option Topic
	S1	STEM9100B Masters Research Project	STEM9100C Masters Research Project	Year Two Option Topic	Year Two Option Topic

Key:	
Core Topic	Compulsory topic
Year One Option Topics	BIOL8004 DNA to Genome GE (4.5 units) BTEC8002 Molecular Biotechnology(4.5 units) CHEM8701 Applied Spectroscopy and Electrochemistry GE (4.5 units) CHEM8702 Inorganic and Organometallic Chemistry GE (4.5 units) CHEM8711 Organic Synthesis and Mechanism GE(4.5 units) CHEM8712 Introduction to Polymer Science GE (4.5 units) FACH8702 Drug Action, Metabolism, Toxicology and Analysis GE (4.5 units) NANO8702 Frontiers of Nanotechnology GE (4.5 units) STEM8100 Research Project in Science GE (4.5 units)
Year Two Option Topics For student in 13.5 unit Research Project	BTEC9010 Medical Biotechnology GE (4.5 units) BTEC9012 Environmental Biotechnology GE (4.5 units) CHEM8701 Applied Spectroscopy and Electrochemistry GE (4.5 units) CHEM8702 Inorganic and Organometallic Chemistry GE (4.5 units) CHEM8711 Organic Synthesis and Mechanism GE(4.5 units) CHEM8712 Introduction to Polymer Science GE (4.5 units) ENGR9704 Project Management and Innovation (4.5 units) FACH8702 Drug Action, Metabolism, Toxicology and Analysis GE (4.5 units)

	<p><u>INNO9001</u> Innovative and Creative Thinking: Recognising Opportunities GE(4.5 units)</p> <p><u>MATH8702</u> Methods of Applied Mathematics GE (4.5 units)</p> <p><u>MATH8712</u> Partial Differential Equations GE (4.5 units)</p> <p><u>MATH8731</u> Algebra GE (4.5 units)</p> <p><u>PHYS8701</u> Nuclear and Statistical Physics GE (4.5 units)</p> <p><u>PHYS8702</u> Solid State Physics and Optoelectronics GE (4.5 units)</p> <p><u>PHYS8711</u> Quantum Physics GE (4.5 units)</p>
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