Bachelor of Computer Science (Honours), Master of Science (Mathematics) 2024 Study Planner

Flinders University
Science & Engineering

Semester 1 Start:

Level	Sem				
First Level	Semester 1	**COMP1002** Fundamentals of Computational Intelligence	**COMP1102** Computer Programming 1	**ENGR1401** Professional Skills	**MATH1121** Mathematics 1A (Refer to course rule note 2 if you do not have SACE Maths Methods)
	Semester 2	**COMP1711** Database Modelling and Information Management	**ENGR1762** Networks and Cybersecurity	**STAT1132** Statistical Analysis	**MATH1122** Mathematics 1B
Second Level	Semester 1	**MATH2702** Linear Algebra and Differential Equations	**MATH2711** Multivariable Calculus	**COMP2711** Computer Programming 2	**ENGR2881** Computer Networks
	Semester 2	**COMP2030** Human Factors for Interactive and Web-Based Systems	**COMP2781** Computer Mathematics	**COMP2812** Systems Software	**MATH2701** Principles of Analysis
Third Level	Semester 1	**COMP3712** Computer Programming 3	**COMP3721** Information Security	**COMP3722** Theory and Practice of Computation	**Elective Topic**
	NS1	**ENGR3750** Workplace Preparation 0 Units			
	Semester 2	**STAT2702** Probability	**MATH2722** Numerical Analysis	**STEM3004** 12 Week Industry Based Practicum 9 units	
Fourth Level	Semester 1	**STEM8001** Advanced Professional Skills	**STAT9701** Statistical Science GE	**MATH9702** Methods of Applied Mathematics GE	**MATH9703** Optimisation GE
	Semester 2	**COMP9035** ICT Management and Professional Standards	**MATH9711** Complex Analysis GE	**MATH9712** Partial Differential Equations GE	**Elective Topic**
Fifth Level	Semester 1	**STEM9003** Research Methods for Engineering and ICT Honours	**STEM9100A** Masters Research Project (4.5/9 units)	**COMP7720** Advanced Studies in Computing A	**MATH7720** Advanced Studies in Mathematics A

Semester 2	**COMP7721** Advanced Studies in Computing B	**STEM9100B** Masters Research Project (4.5/9 units)	**STEM9100C** Masters Research Project (4.5/9 units)	**MATH7721** Advanced Studies in Mathematics A

Semester 2 Start:

First Level	Semester 2	**COMP1711** Database Modelling and Information Management	**ENGR1762** Networks and Cybersecurity	**STAT1132** Statistical Analysis	**MATH1121** Mathematics 1A (Refer to course rule note 2 if you do not have SACE Maths Methods)
	Semester 1	**COMP1002** Fundamentals of Computational Intelligence	**COMP1102** Computer Programming 1	**ENGR1401** Professional Skills	**MATH1122** Mathematics 1B
Second Level	Semester 2	**COMP2030** Human Factors for Interactive and Web-Based Systems	**COMP2781** Computer Mathematics	**COMP2812** Systems Software	**MATH2701** Principles of Analysis
	Semester 1	**MATH2702** Linear Algebra and Differential Equations	**MATH2711** Multivariable Calculus	**COMP2711** Computer Programming 2	**ENGR2881** Computer Networks
Third Level	Semester 2	**STAT2702** Probability	**MATH2722** Numerical Analysis	**STEM3004** 12 Week Industry Based Practicum 9 units	
	NS1	**ENGR3750** Workplace Preparation 0 Units			
	Semester 1	**COMP3712** Computer Programming 3	**COMP3721** Information Security	**COMP3722** Theory and Practice of Computation	**Elective Topic**
Fourth Level	Semester 1	**COMP9035** ICT Management and Professional Standards	**MATH9711** Complex Analysis GE	**MATH9712** Partial Differential Equations GE	**Elective Topic**
	Semester 2	**STEM8001** Advanced Professional Skills	**STAT9701** Statistical Science GE	**MATH9702** Methods of Applied Mathematics GE	**MATH9703** Optimisation GE
Fifth Level	Semester 1	**STEM9003** Research Methods for Engineering and ICT Honours	**STEM9100A** Masters Research Project (4.5/9 units)	**COMP7720** Advanced Studies in Computing A	**MATH7720** Advanced Studies in Mathematics A

This guide is correct at time of publishing but is subject to change October 2023

		COMP7721	STEM9100B	STEM9100C	MATH7721
Semester 2		Advanced Studies in Computing B	Masters Research Project (4.5/9 units)	Masters Research Project (4.5/9 units)	Advanced Studies in Mathematics A

Key:

Core Topics	Compulsory topic
Option Topics	A choice from a list of specified topics (please refer to course rule)
Elective	Any topic offered by the University at the appropriate year level, provided entry and course requirements are met and that no more than 45 units of First Year topics are included in the 108-unit program.

Please note:

- This document is provided as a guide only. Students are responsible for ensuring that they have completed their study according to the official Course Rule.
- Topic information for all topics, including pre-requisites can be found on the Topic Page
- General enrolment assistance is available via Ask Flinders
- For specific course advice e-mail: courseadvice.SE@flinders.edu.au