

## 2020 Study Plan Template

### Bachelor of Computer Science (Honours)

Please note that this document is provided as a guide only. Students are responsible for ensuring that they have completed 144 units of study according to the official course rule available at <https://students.flinders.edu.au/my-course/course-rules/undergrad/bcsch>

Students are responsible for planning their Core, Option and Table C 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	<b>COMP1001</b> Fundamentals of Computing (4.5 units)	<b>ENGR1401</b> Professional Skills (4.5 units)	<b>COMP1712</b> Software Engineering Principles and Practice (4.5 units)	<b>MATH1121</b> Mathematics 1A (SU, S1 or S2)	<b>One of:</b> COMP1701 (S1) ENGR1201 (S2) STAT1121 (S1)
	S2	<b>COMP1102</b> Computer Programming 1 (4.5 units)	<b>COMP1711</b> Database Modelling and Knowledge Engineering (4.5 units)	<b>ENGR1762</b> Networks and Cybersecurity (4.5 units)		
Year 2	S1	<b>ENGR2881</b> Computer Networks (4.5 units)	<b>COMP2781</b> Computer Mathematics (4.5 units)	<b>COMP2711</b> Computer Programming 2 (4.5 units)	<b>INNO1001</b> Innovative & Creative Thinking <u>OR</u> <b>Table C Topic</b> (4.5 units) <b>(S1 or S2)</b>	<b>Table C Topic</b> (4.5 units)
	S2	<b>COMP2772</b> Web-Based Systems Development (4.5 units)	<b>COMP2812</b> Operating Systems (4.5 units)	<b>ENGR2792</b> Software Engineering 2 (4.5 units)		
Year 3	S1	<b>COMP3751</b> Interactive Computer Systems (4.5 units)	<b>COMP3712</b> Computer Programming 3 (4.5 units)	<b>COMP3722</b> Theory and Practice of Computation (4.5 units)	<b>COMP3771</b> Advanced Database (4.5 units)	
	NS1	~ <b>ENGR3750</b> Workplace Preparation (0 units) ( <i>only if COMP3792 is being undertaken</i> )				
	S2	<b>Table C Topic</b> (4.5 units)	<b>ENGR3704</b> (NS2) Project Management for Engineering and Science (4.5 units)	<b>COMP3792</b> Information Technology Practicum (9 units) and ~ <b>ENGR3750</b> Workplace Preparation (0 units) (NS1) <u>OR</u> <b>COMP3782</b> Information Technology Project (4.5 units) and <b>Table C Topic</b> (4.5 units)		

Year 4	S1	<b>COMP7700A</b> Honours Thesis (4.5/22.5 units)	<b>COMP7700B</b> Honours Thesis (4.5/22.5 units)	<b>COMP7700C</b> Honours Thesis (4.5/22.5 units)	Year 4 Option topic #
	S2	<b>COMP7700D</b> Honours Thesis (4.5/22.5 units)	<b>COMP7700E</b> Honours Thesis (4.5/22.5 units)	<b>STEM7001</b> Honours Research Methods (4.5 units)	Year 4 Option topic#

**Semester 2, 2020 start:**

Year 1	S2	<b>COMP1102</b> Computer Programming 1 (4.5 units)	<b>COMP1711</b> Database Modelling and Knowledge Engineering (4.5 units)	<b>ENGR1762</b> Networks and Cybersecurity (4.5 units)	<b>MATHS1121</b> Mathematics 1A	<b>One of:</b> COMP1701 (S1) ENGR1201 (S2) STAT1121 (S1)
	S1	<b>COMP1001</b> Fundamentals of Computing (4.5 units)	<b>ENGR1401</b> Professional Skills (4.5 units)	<b>COMP1712</b> Software Engineering Principles and Practice (4.5 units)		
Year 2	NS1	~ <b>ENGR3750</b> Workplace Preparation (0 units) ( <i>only if COMP3792 is being undertaken</i> )				
	S2	<b>COMP2772</b> Web-Based Systems Development (4.5 units)	<b>COMP2812</b> Operating Systems (4.5 units)	<b>ENGR2792</b> Software Engineering 2 (4.5 units)	<b>INNO1001</b> Innovative & Creative Thinking <u>OR</u> <b>Table C Topic</b> (4.5 units) <b>(S1 or S2)</b>	<b>Table C Topic</b> (4.5 units)
	S1	<b>ENGR2881</b> Computer Networks (4.5 units)	<b>COMP2781</b> Computer Mathematics (4.5 units)	<b>COMP2711</b> Computer Programming 2 (4.5 units)		
Year 3	S2	<b>Table C Topic</b> (4.5 units)	<b>ENGR3704</b> (NS2) Project Management for Engineering and Science (4.5 units)	<b>COMP3792</b> Information Technology Practicum (9 units) and ~ <b>ENGR3750</b> Workplace Preparation (0 units) ( <i>NS1 previous year</i> ) <u>OR</u> <b>COMP3782</b> Information Technology Project (4.5 units) and <b>Table C Topic</b> (4.5 units)		
	S1	<b>COMP3751</b> Interactive Computer Systems (4.5 units)	<b>COMP3712</b> Computer Programming 3 (4.5 units)	<b>COMP3722</b> Theory and Practice of Computation (4.5 units)	<b>COMP3771</b> Advanced Database (4.5 units)	
Year 4	S2	<b>COMP7700A</b> Honours Thesis (4.5/22.5 units)	<b>COMP7700B</b> Honours Thesis (4.5/22.5 units)	<b>COMP7700C</b> Honours Thesis (4.5/22.5 units)	Year 4 Option topic #	
	S1	<b>COMP7700D</b> Honours Thesis (4.5/22.5 units)	<b>COMP7700E</b> Honours Thesis (4.5/22.5 units)	<b>STEM7001</b> Honours Research Methods (4.5 units)	Year 4 Option topic#	

<b>Key:</b>	
<b>Core Topic</b>	Compulsory topic
<b>Option Topic</b>	A choice from a list of specified topics
<b>Table C Topic</b>	A choice from topics listed in Table C ( <a href="http://www.flinders.edu.au/courses/rules/undergrad/se_elec/table-c.cfm">http://www.flinders.edu.au/courses/rules/undergrad/se_elec/table-c.cfm</a> )

**Year 4 Option topics #**

COMP7701 Advanced Enterprise Security (4.5 units)

COMP7707 Advanced Data Mining (4.5 units)

COMP7716 Information Retrieval and Language Technology (4.5 units)

COMP8715 Heuristic Optimisation GE (4.5 units)

ENGR7791 Software Engineering 4 (4.5 units)

ENGR9742 Standards, Ethics and Compliance (4.5 units)

# or another topic approved by the Course Coordinator, that is appropriate to the student's program