FACULTY OF ENGINEERING, COMPUTER AND MATHEMATICAL SCIENCES

PRE-2019 COMMENCER STUDY PLAN

School of Computer Science

Semester 1 Start
Bachelor of Engineering (Software)

Semester 2 Start
Bachelor of Engineering (Software)

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This study plan should be used to guide enrolment for the current academic year. Some students may need to modify their enrolment based on previous study (e.g. students granted advanced standing/credit, students repeating previously failed courses).

BACHELOR OF ENGINEERING (HONOURS) (SOFTWARE)					
YEAR 1	S 1	~~COMP SCI 1101 Introduction to Programming~~ **ENG 1002 Programming (Matlab and C)** * See note below ☐	ELEC ENG 1100 Analog Electronics ☐	MATHS 1011 Mathematics IA # ☐	STATS 1000 Statistical Practice I ☐
	S 2	COMP SCI 1102 Object Oriented Programming ☐	COMP SCI 1106 Introduction to Software Engineering ☐	MATHS 1012 Mathematics IB # ☐	ELEC ENG 1102 Digital Electronics ☐
YEAR 2	S 1	COMP SCI 2103 Algorithm Design & Data Structures ☐	COMP SCI 2005 Systems Programming ☐	COMP SCI 2207 Web and Database Computing ☐	COMP SCI 2205 Software Engineering Workshop I ☐
	S 2	COMP SCI 2201 Algorithm & Data Structure Analysis ☐	COMP SCI 2000 Computer Systems ☐	COMP SCI 2203 Problem Solving & Software Development ☐	COMP SCI 2206 Software Engineering Workshop 2 ☐
YEAR 3	S 1	COMP SCI 3001 Computer Networks & Applications ☐	Level III Elective** ☐	Level III or IV Elective ☐	COMP SCI 3303 Engineering Software as Services I ☐
	S 2	COMP SCI 3004 Operating Systems ☐	~~COMP SCI 3013 Event Driven Computing~~ **COMP SCI 4411 Event Driven Computing** ☐	Level III or IV Elective ☐	COMP SCI 3304 Engineering Software as Services II ☐
YEAR 4	S 1	COMP SCI 4405 Research Methods in Software Engineering and Computer Science ☐	COMP SCI 4414A Software Engineering Research Project A ☐	COMP SCI 4023 Software Process Improvement ☐	~~C&ENVENG 4034 Engineering Management IV~~ **ENG 3004 Systems Engineering & Industry Practice** ☐
	S 2	COMP SCI 4414B Software Engineering Research Project B ☐	ELEC ENG 4100 Business Management Systems ☐	Level IV Elective ☐	Level IV Elective ☐

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NOTES:
*STUDENTS **WITH PRIOR** PROGRAMMING EXPERIENCE:
Do not need to complete ENG 1002 Programming (Matlab and C) and can replace it with an Elective. If it is replaced, the following courses must be completed in the order, first COMP SCI 1102, then COMP SCI 2103 and then COMP SCI 2201. However, these courses and COMP SCI 2000 may be completed one semester earlier than shown above.

Electives may be any University of Adelaide Undergraduate course for which the student meets the pre-requisites. Please check the availability, restriction and incompatible section on the course planner for elective choices.
How to choose an elective course in your area of interest? Please refer to the steps via the link: https://ecms.adelaide.edu.au/study-with-us/student-support/enrolment

Entry into MATHS 1011 Mathematics IA requires SACE Stage 2 Specialist Mathematics, or a pass in MATHS 1013 Mathematics IM.

Administrative note only:
**International students present ENG 3003 Engineering Communication EAL in lieu of a Level III Elective

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BACHELOR OF ENGINEERING (HONOURS)(SOFTWARE) – Semester 2 Start					
YEAR 1					
	S 2	~~COMP SCI 1101 Introduction to Programming~~ **ENG 1002 Programming (Matlab and C)** * See note below ☐	COMP SCI 1106 Introduction to Software Engineering ☐	MATHS 1011 Mathematics IA # ☐	ELEC ENG 1102 Digital Electronics ☐
YEAR 2	S 1	COMP SCI 1102 Object Oriented Programming ☐	COMP SCI 2205 Software Engineering Workshop I ☐	MATHS 1012 Mathematics IB # ☐	ELEC ENG 1100 Analog Electronics ☐
	S 2	COMP SCI 2103 Algorithm Design & Data Structures ☐	COMP SCI 2206 Software Engineering Workshop 2 ☐	COMP SCI 2000 Computer Systems ☐	STATS 1000 Statistical Practice I ☐
YEAR 3	S 1	COMP SCI 3001 Computer Networks & Applications ☐	COMP SCI 3303 Engineering Software as Services I ☐	COMP SCI 2005 Systems Programming ☐	COMP SCI 2207 Web and Database ☐
	S 2	COMP SCI 2201 Algorithm & Data Structure Analysis ☐	COMP SCI 3304 Engineering Software as Services II ☐	~~COMP SCI 3013 Event Driven Computing~~ **COMP SCI 4411 Event Driven Computing** ☐	COMP SCI 2203 Problem Solving & Software Development ☐
YEAR 4	S 1	COMP SCI 4405 Research Methods in Software Engineering and Computer Science ☐	COMP SCI 4414A Software Engineering Research Project A ☐	~~C&ENVENG 4034 Engineering Management IV~~ **ENG 3004 Systems Engineering & Industry Practice** ☐	Level III or IV Elective ☐
	S 2	COMP SCI 4414B Software Engineering Research Project B ☐	Level III Elective** ☐	ELEC ENG 4100 Business Management Systems ☐	COMP SCI 3004 Operating Systems ☐
YEAR 5	S 1	COMP SCI 4023 Software Process Improvement ☐	Level IV Elective ☐	Level III or IV Elective ☐	Level IV Elective ☐

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