

FACULTY OF ENGINEERING, COMPUTER AND MATHEMATICAL SCIENCES

2018 STUDY PLAN



School of Computer Science

Semester 1 Start

[Bachelor of Engineering \(Software\)](#)

Semester 2 Start

[Bachelor of Engineering \(Software\)](#)

International students in the Bachelor of Engineering (Software) present ENG 3003 Engineering Communication in lieu of another course. Please refer to notes on the individual study plan for course replacement details.

2018 STUDY PLAN

FOR ADVANCED STANDING - OFFICE USE ONLY								
<input checked="" type="checkbox"/> Please mark the box to indicate advanced standing granted (use CONDITIONAL to denote conditional advanced standing)								
Unspecified Elective Credit:	Level 1:	units	Level 2:	units	Level 3:	units	Level 4:	units
Student ID Number:			Student Name: _____,			Date: 24/10/18		
Assessor Name:			Advanced Standing Granted: _____ units			Remaining Program Duration: 4 years		
Applicant's Previous Institution:			Applicant's Previous Qualification:					
Assessor's Comments:								

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	S1	COMP SCI 1201 Introduction to Programming for Engineers ENG 1002 Programming (Matlab and C) *	ELEC ENG 1100 Analog Electronics	MATHS 1011 Mathematics IA #	STATS 1000 Statistical Practice I
	S2	COMP SCI 1102 Object Oriented Programming	COMP SCI 1106 Introduction to Software Engineering	MATHS 1012 Mathematics IB #	ELEC ENG 1102 Digital Electronics
YEAR 2	S1	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
	S2	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	S1	COMP SCI 3001 Computer Networks & Applications	Level III Elective	Level III or IV Elective	COMP SCI 3303 Engineering Software as Services I
	S2	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

FACULTY OF ENGINEERING, COMPUTER AND MATHEMATICAL SCIENCES



2018 STUDY PLAN

YEAR 4	S1	COMP SCI 4405 Research Methods in Software Engineering and Computer Science <input type="checkbox"/>	C&ENVENG 4034 Engineering Management IV <input type="checkbox"/>	COMP SCI 4023 Software Process Improvement <input type="checkbox"/>	Level IV Elective <input type="checkbox"/>
	S2	COMP SCI 4404 Software Engineering Research Project (6 units) <input type="checkbox"/>		ELEC ENG 4064 Business Management Systems <input type="checkbox"/>	Level IV Elective <input type="checkbox"/>

Note: 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: <http://www.ecms.adelaide.edu.au/current-students/new-students/#tab-5-content>

#Students who have not passed SACE Stage 2 Specialist Maths are required to enrol in MATHS 1013 Mathematics IM as a prerequisite to enrolling in MATHS 1011 Mathematics IA. The satisfactory completion of MATHS 1013 Mathematics IM is in addition to the normal requirements of this program. Students may manage their enrolment by enrolling in MATHS 1013 Mathematics IM in semester I, followed by MATHS 1011 Mathematics IA in semester 2, and MATHS 1012 Mathematics IB in summer school.

*STUDENTS WITH PRIOR PROGRAMMING EXPERIENCE:

Do not need to complete ENG 1002 Programming (Matlab and C) and therefore can replace with a Level II Elective

Administrative note only:

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

FACULTY OF ENGINEERING, COMPUTER AND MATHEMATICAL SCIENCES



2018 STUDY PLAN

FOR ADVANCED STANDING - OFFICE USE ONLY								
<input checked="" type="checkbox"/> Please mark the box to indicate advanced standing granted (use CONDITIONAL to denote conditional advanced standing)								
Unspecified Elective Credit:	Level 1:	units	Level 2:	units	Level 3:	units	Level 4:	units
Student ID Number:			Student Name:			Date: 24/10/18		
Assessor Name:			Advanced Standing Granted: units			Remaining Program Duration: 4 years		
Applicant's Previous Institution:			Applicant's Previous Qualification:					
Assessor's Comments:								

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) – Semester 2 Start

Year	Semester	Course 1	Course 2	Course 3	Course 4
YEAR 1	S 2	COMP SCI 1201 Introduction to Programming for Engineers ENG 1002 Programming (Matlab and C) *	COMP SCI 1106 Introduction to Software Engineering	MATHS 1011 Mathematics IA #	ELEC ENG 1102 Digital Electronics
	S 1	COMP SCI 1102 Object Oriented Programming	COMP SCI 2205 Software Engineering Workshop I	MATHS 1012 Mathematics IB #	ELEC ENG 1100 Analog Electronics
YEAR 2	S 2	COMP SCI 2103 Algorithm Design & Data Structures	COMP SCI 2206 Software Engineering Workshop 2 ***	COMP SCI 2000 Computer Systems	
	S 1	COMP SCI 3001 Computer Networks & Applications	COMP SCI 3303 Engineering Software as Services I	COMP SCI 2005 Systems Programming	STATS 1000 Statistical Practice I
YEAR 3	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

FACULTY OF ENGINEERING, COMPUTER AND MATHEMATICAL SCIENCES



2018 STUDY PLAN

YEAR 4	S 1	COMP SCI 4405 Research Methods in Software Engineering and Computer Science <input type="checkbox"/>	C&ENVENG 4034 Engineering Management IV <input type="checkbox"/>	Level III Elective ** <input type="checkbox"/>	Level III or IV Elective <input type="checkbox"/>
	S 2	COMP SCI 4404 Software Engineering Research Project (6 units) <input type="checkbox"/>		ELEC ENG 4064 Business Management Systems <input type="checkbox"/>	COMP SCI 3004 Operating Systems <input type="checkbox"/>
YEAR 5	S 1	COMP SCI 4023 Software Process Improvement <input type="checkbox"/>	Level IV Elective <input type="checkbox"/>	Level III or IV Elective <input type="checkbox"/>	Level IV Elective <input type="checkbox"/>

Note: 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?](http://www.ecms.adelaide.edu.au/current-students/new-students/#tab-5-content) Please refer to the steps via the link: <http://www.ecms.adelaide.edu.au/current-students/new-students/#tab-5-content>

#Students who have not passed SACE Stage 2 Specialist Maths are required to enrol in MATHS 1013 Mathematics IM as a prerequisite to enrolling in MATHS 1011 Mathematics IA. The satisfactory completion of MATHS 1013 Mathematics IM is in addition to the normal requirements of this program. Students may manage their enrolment by enrolling in MATHS 1013 Mathematics IM in semester 1, followed by MATHS 1011 Mathematics IA in semester 2, and MATHS 1012 Mathematics IB in summer school.

*STUDENTS WITH PRIOR PROGRAMMING EXPERIENCE:

Do not need to complete ENG 1002 Programming (Matlab and C) and therefore can replace with a Level II Elective

Administrative note only:

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