Faculty of Sciences, Engineering and Technology

2023 Study Plan (Semester 1 Start)

Bachelor of Engineering (Honours) (Electrical & Electronic) with a Bachelor of Mathematical and Computer Sciences – Computer Science

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Faculty of Sciences, Engineering and Technology

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Program Notes

Degree Information

Students must ensure they are correctly enrolled in accordance with Academic Program Rules of their degree. Please note program rules are subject to change.

^EAL: Unless exempted, International students are required to take ENG 1011 Introduction to Engineering - EAL in lieu of ENG 1001 Introduction to Engineering.

COMP SCI Electives may be chosen from the courses listed in the Program Rules for the Bachelor of Mathematics and Computer Sciences: https://calendar.adelaide.edu.au/faculty/set

Electives

How to choose an elective course in your area of interest? Please refer to the steps via the link: https://set.adelaide.edu.au/study-with-us/student-support/enrolment

Internships

All Engineering students commencing from 2019 are required to complete a minimum of 8 weeks of internship during the course of their studies. Internships are self-sourced and further information can be found on the Engineering Internships web page: https://set.adelaide.edu.au/student-support/internships

Course Planner

The Course Planner website can be used to find information about any University course, including semester/trimester/term availability, class times, unit value, restrictions and prerequisites.

Enrolment Errors

Please submit the relevant form to request a unit-overload waiver, prerequisite waiver, timetable clash resolution or a course/class full request.

Study Overseas

A Study Overseas experience may be incorporated into your program. To find opportunities available in your study area click Study Overseas.

Critical Dates

For important dates and deadlines regarding enrolment and fees, please see the critical dates website.

Further Information & Enrolment Advice

Phone: +61 8 8313 4148
Email: askset@adelaide.edu.au
Website: https://set.adelaide.edu.au/student-support
In person: Level 1, Ingkarni Wardli Building, Nth Tce Campus, Kaurna Country, Adelaide SA 5005

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No Major

Year 1				
S1	^ENG 1001 Introduction to Engineering	ELEC ENG 1100 Analog Electronics	ENG 1002 Programming (Matlab and C)	MATHS 1011 Mathematics IA
S2	PHYSICS 1510 Physics 1E: Mechanics & Thermodynamics	ELEC ENG 1102 Digital Electronics	COMP SCI 1102 Object Orientated Programming	MATHS 1012 Mathematics IB
Year 2				
S1	ELEC ENG 2017 Circuits and Systems	ELEC ENG 2101 Electronics	ELEC ENG 2102 Electric Energy Conversion	MATHS 2106 Differential Equations for Engineers II
S2	ELEC ENG 2100 Digital Systems	ELEC ENG 2104 Digital Signal Processing	ELEC ENG 2106 Vector Calculus & Electromagnetics	MATHS 2107 Statistics & Numerical Methods II
Year 3				
S1	ELEC ENG 3103 Engineering Electromagnetics	ELEC ENG 3101 Control	COMP SCI 2103 Algorithm Design & Data Structures	COMP SCI 2000 Computer Systems
S2	ELEC ENG 3104 Electric Drive Systems	ELEC ENG 3110 Electric Power Systems	COMP SCI 2201 Algorithm & Data Structure Analysis	# Level II or III Comp Sci Elective
Internship				
All Engineering students commencing from 2019 are required to complete a minimum of 8 weeks of internship during the course of their studies – see the Program Notes.				
Year 4				
S1	ENG 3004 Systems Engineering & Industry Practice	E&E Engineering Elective (see elective table)	#Level III Comp Sci Elective	#Level III Comp Sci Elective
S2	ELEC ENG 4105 Real-Time & Embedded Systems	ELEC ENG 4106 Radio Frequency Systems	ENG 3005 Research Method & Project Management	COMP SCI 3006 Software Engineering & Project
Year 5				
S1	ENG 4001A Research Project Part A	E&E Engineering Elective (see elective table)	E&E Engineering Elective (see elective table)	E&E Engineering Elective (see elective table)
S2	ENG 4001B Research Project Part B	ELEC ENG 4100 Business Management Systems	E&E Engineering Elective (see elective table)	# Level III Comp Sci Elective

Core Courses	Core Courses for Major	Core Courses for Minor or Major 2	Elective

ALL COURSES ARE WORTH 3 UNITS UNLESS SPECIFIED OTHERWISE

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Bachelor of Engineering (Honours) (Electrical & Electronic)

with a Bachelor of Mathematical and Computer Sciences

CHOOSE FROM THE FOLLOWING CIVIL ENGINEERING ELECTIVES					
S1	COMP SCI 2103	Algorithm Design & Data Structures	**S2**	COMP SCI 2103	Algorithm Design & Data Structures
	COMP SCI 3001	Computer Networks & Applications		ELEC ENG 3108	Telecommunications Principles
	ELEC ENG 3088	Computer Architecture		ELEC ENG 3113	Principles of Medical Imaging
	ELEC ENG 4058	Power Quality & Condition Monitoring		ELEC ENG 4061	Image Processing
	ELEC ENG 4063	Communications		ELEC ENG 4067	Antennas & Propagation
	ELEC ENG 4069	Radar Principles & Systems		ELEC ENG 4087	Electricity Market and Power System Operations
	ELEC ENG 4109	Digital Microelectronics		ELEC ENG 4107	Autonomous Systems
	ELEC ENG 4112	Signal Processing Applications		ELEC ENG 4111	Distributed Generation Technologies
				ELEC ENG 4115	Biomedical Instrumentation

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Faculty of Sciences, Engineering and Technology

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with a Bachelor of Mathematical and Computer Sciences

THE UNIVERSITY of ADELAIDE

Communications Systems Major

Year 1				
S1	^ENG 1001 Introduction to Engineering	ELEC ENG 1100 Analog Electronics	ENG 1002 Programming (Matlab and C)	MATHS 1011 Mathematics IA
S2	PHYSICS 1510 Physics 1E: Mechanics & Thermodynamics	ELEC ENG 1102 Digital Electronics	COMP SCI 1102 Object Orientated Programming	MATHS 1012 Mathematics IB
Year 2				
S1	ELEC ENG 2017 Circuits and Systems	ELEC ENG 2101 Electronics	ELEC ENG 2102 Electric Energy Conversion	MATHS 2106 Differential Equations for Engineers II
S2	ELEC ENG 2100 Digital Systems	ELEC ENG 2104 Digital Signal Processing	ELEC ENG 2106 Vector Calculus & Electromagnetics	MATHS 2107 Statistics & Numerical Methods II
Year 3				
S1	COMP SCI 2103 Algorithm Design & Data Structures	ELEC ENG 3101 Control	ELEC ENG 3103 Engineering Electromagnetics	COMP SCI 2000 Computer Systems
S2	ELEC ENG 3108 Telecommunications Principles	COMP SCI 2201 Algorithm & Data Structure Analysis	#Level II or III Comp Sci Elective	#Level II or III Comp Sci Elective
Internship				
All Engineering students commencing from 2019 are required to complete a minimum of 8 weeks of internship during the course of their studies – see the Program Notes.				
Year 4				
S1	COMP SCI 3001 Computer Networks & Applications	ENG 3004 Systems Engineering & Industry Practice	#Level III Comp Sci Elective	#Level III Comp Sci Elective
S2	ELEC ENG 4054 Telecommunications Systems	ELEC ENG 4106 Radio Frequency Systems	ENG 3005 Research Method & Project Management	COMP SCI 3006 Software Engineering & Project
Year 5				
S1	ENG 4001A Research Project Part A	ELEC ENG 4063 Communications	E&E Engineering Elective (see elective table)	E&E Engineering Elective (see elective table)
S2	ENG 4001B Research Project Part B	ELEC ENG 4100 Business Management Systems	E&E Engineering Elective (see elective table)	# Level III COMP SCI Elective

Core Courses	Core Courses for Major	Core Courses for Minor or Major 2	Elective

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Faculty of Sciences, Engineering and Technology

2023 Study Plan (Semester 1 Start)

Bachelor of Engineering (Honours) (Electrical & Electronic)

with a Bachelor of Mathematical and Computer Sciences

CHOOSE FROM THE FOLLOWING CIVIL ENGINEERING ELECTIVES					
S1	COMP SCI 3007 ELEC ENG 3088 ELEC ENG 4069 ELEC ENG 4109 ELEC ENG 4112	Artificial Intelligence Computer Architecture Radar Principles & Systems Digital Microelectronics Signal Processing Applications	**S2**	ELEC ENG 4061 ELEC ENG 4067 ELEC ENG 4105	Image Processing Antennas & Propagation Real-Time & Embedded Systems

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Faculty of Sciences, Engineering and Technology

2023 Study Plan (Semester 1 Start)

Bachelor of Engineering (Honours) (Electrical & Electronic)

with a Bachelor of Mathematical and Computer Sciences – Computer Science

THE UNIVERSITY of ADELAIDE

Computer Engineering Major

Year 1				
S1	^ENG 1001 Introduction to Engineering	ELEC ENG 1100 Analog Electronics	ENG 1002 Programming (Matlab and C)	MATHS 1011 Mathematics IA
S2	PHYSICS 1510 Physics 1E: Mechanics & Thermodynamics	ELEC ENG 1102 Digital Electronics	COMP SCI 1102 Object Orientated Programming	MATHS 1012 Mathematics IB
Year 2				
S1	ELEC ENG 2017 Circuits and Systems	ELEC ENG 2101 Electronics	ELEC ENG 2102 Electric Energy Conversion	MATHS 2106 Differential Equations for Engineers II
S2	ELEC ENG 2100 Digital Systems	ELEC ENG 2104 Digital Signal Processing	ELEC ENG 2106 Vector Calculus & Electromagnetics	MATHS 2107 Statistics & Numerical Methods II
Year 3				
S1	COMP SCI 2103 Algorithm Design & Data Structures	ELEC ENG 3101 Control	ELEC ENG 3103 Engineering Electromagnetics	COMP SCI 2000 Computer Systems
S2	ELEC ENG 4105 Real-Time & Embedded Systems	COMP SCI 2201 Algorithm & Data Structure Analysis	#Level II or III Comp Sci Elective	#Level II or III Comp Sci Elective
Internship				
All Engineering students commencing from 2019 are required to complete a minimum of 8 weeks of internship during the course of their studies – see the Program Notes.				
Year 4				
S1	ELEC ENG 3088 Computer Architecture	COMP SCI 3001 Computer Networks & Applications	# Level III COMP SCI Elective	# Level III COMP SCI Elective
S2	ENG 3004 Systems Engineering & Industry Practice	ENG 3005 Research Method & Project Management	# Level III COMP SCI Elective	COMP SCI 3006 Software Engineering & Project
Year 5				
S1	ENG 4001A Research Project Part A	ELEC ENG 4109 Digital Microelectronics	E&E Engineering Elective (see elective table)	E&E Engineering Elective (see elective table)
S2	ENG 4001B Research Project Part B	COMP SCI 3004 Operating Systems	ELEC ENG 4100 Business Management Systems	E&E Engineering Elective (see elective table)

Core Courses	Core Courses for Major	Core Courses for Minor or Major 2	Elective

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CHOOSE FROM THE FOLLOWING LEVEL 1 ENGINEERING ELECTIVES					
S1	COMP SCI 3007	Artificial Intelligence	**S2**	COMP SCI 3307	Secure Programming
	COMP SCI 3308	Cybersecurity Fundamentals		ELEC ENG 3104	Electric Drive Systems
	ELEC ENG 4112	Signal Processing Applications		ELEC ENG 3108	Telecommunications Principles
				ELEC ENG 4061	Image Processing
				ELEC ENG 4106	Radio Frequency Systems

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Bachelor of Engineering (Honours) (Electrical & Electronic) with Bachelor of Mathematical and Computer Sciences – Computer Science

THE UNIVERSITY of ADELAIDE

Cybersecurity Major

Year 1				
S1	^ENG 1001 Introduction to Engineering	ELEC ENG 1100 Analog Electronics	ENG 1002 Programming (Matlab and C)	MATHS 1011 Mathematics IA
S2	PHYSICS 1510 Physics 1E: Mechanics & Thermodynamics	ELEC ENG 1102 Digital Electronics	COMP SCI 1102 Object Orientated Programming	MATHS 1012 Mathematics IB
Year 2				
S1	ELEC ENG 2017 Circuits and Systems	ELEC ENG 2101 Electronics	ELEC ENG 2102 Electric Energy Conversion	MATHS 2106 Differential Equations for Engineers II
S2	ELEC ENG 2100 Digital Systems	ELEC ENG 2104 Digital Signal Processing	ELEC ENG 2106 Vector Calculus & Electromagnetics	MATHS 2107 Statistics & Numerical Methods II
Year 3				
S1	COMP SCI 2103 Algorithm Design & Data Structures	COMP SCI 2000 Computer Systems	ELEC ENG 3101 Control	ELEC ENG 3103 Engineering Electromagnetics
S2	COMP SCI 2201 Algorithm & Data Structure Analysis	COMP SCI 3004 Operating Systems	#Level II or III Comp Sci Elective	#Level II or III Comp Sci Elective
Internship				
All Engineering students commencing from 2019 are required to complete a minimum of 8 weeks of internship during the course of their studies – see the Program Notes.				
Year 4				
S1	COMP SCI 3308 Cybersecurity Fundamentals	ENG 3004 Systems Engineering & Industry Practice	#Level II or III Comp Sci Elective	#Level III Comp Sci Elective
S2	COMP SCI 3307 Secure Programming	ENG 3005 Research Method & Project Management	#Level II or III Comp Sci Elective	COMP SCI 3006 Software Engineering & Project
Year 5				
S1	ENG 4001A Research Project Part A	E&E Engineering Elective (see elective table)	E&E Engineering Elective (see elective table)	^Level III Comp Sci Elective
S2	ENG 4001B Research Project Part B	ELEC ENG 4100 Business Management Systems	E&E Engineering Elective (see elective table)	^Level III Comp Sci Elective

Core Courses	Core Courses for Major	Core Courses for Minor or Major 2	Elective

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Faculty of Sciences, Engineering and Technology

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CHOOSE FROM THE FOLLOWING LEVEL 1 ENGINEERING ELECTIVES					
S1	COMP SCI 3001 ELEC ENG 4063 ELEC ENG 4109	Computer Networks & Applications Communications Digital Microelectronics	**S2**	ELEC ENG 3104 ELEC ENG 3108 ELEC ENG 4061 ELEC ENG 4105 ELEC ENG 4106	Electric Drive Systems Telecommunications Principles Image Processing Real-Time & Embedded Systems Radio Frequency Systems

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Faculty of Sciences, Engineering and Technology

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Defence Systems Major

Year 1				
S1	^ENG 1001 Introduction to Engineering	ELEC ENG 1100 Analog Electronics	ENG 1002 Programming (Matlab and C)	MATHS 1011 Mathematics IA
S2	PHYSICS 1510 Physics 1E: Mechanics & Thermodynamics	ELEC ENG 1102 Digital Electronics	COMP SCI 1102 Object Orientated Programming	MATHS 1012 Mathematics IB
Year 2				
S1	ELEC ENG 2017 Circuits and Systems	ELEC ENG 2101 Electronics	ELEC ENG 2102 Electric Energy Conversion	MATHS 2106 Differential Equations for Engineers II
S2	ELEC ENG 2100 Digital Systems	ELEC ENG 2104 Digital Signal Processing	ELEC ENG 2106 Vector Calculus & Electromagnetics	MATHS 2107 Statistics & Numerical Methods II
Year 3				
S1	ELEC ENG 3103 Engineering Electromagnetics	ELEC ENG 3101 Control	COMP SCI 2103 Algorithm Design & Data Structures	COMP SCI 2000 Computer Systems
S2	ENG 3305 Human Factors for Decision Making	ELEC ENG 4107 Autonomous Systems	COMP SCI 2201 Algorithm & Data Structure Analysis	#Level II or III Comp Sci Elective
Internship				
All Engineering students commencing from 2019 are required to complete a minimum of 8 weeks of internship during the course of their studies – see the Program Notes.				
Year 4				
S1	POLIS 1104 Introduction to Comparative Politics	ENG 3004 Systems Engineering & Industry Practice	# Level III COMP SCI Elective	# Level III COMP SCI Elective
S2	ELEC ENG 4106 Radio Frequency Systems	ENG 3005 Research Method & Project Management	#Level III COMP SCI Elective	COMP SCI 3006 Software Engineering & Project
Year 5				
S1	ENG 4001A Research Project Part A	ENG 4010 Defence Leadership	E&E Engineering Elective (see elective table)	E&E Engineering Elective (see elective table)
S2	ENG 4001B Research Project Part B	ENG 4020 Complex Systems Engineering	E&E Engineering Elective (see elective table)	ELEC ENG 4100 Business Management Systems

Core Courses	Core Courses for Major	Core Courses for Minor or Major 2	Elective

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CHOOSE FROM THE FOLLOWING LEVEL 1 ENGINEERING ELECTIVES					
S1	COMP SCI 2103	Algorithm Design & Data Structures	**S2**	COMP SCI 2103	Algorithm Design & Data Structures
	COMP SCI 3001	Computer Networks & Applications		ELEC ENG 3108	Telecommunications Principles
	ELEC ENG 4063	Communications		ELEC ENG 4061	Image Processing
	ELEC ENG 4069	Radar Principles & Systems		ELEC ENG 4067	Antennas & Propagation
	ELEC ENG 4109	Digital Microelectronics		ELEC ENG 4111	Distributed Generation Technologies
	ELEC ENG 4112	Signal Processing Applications			

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THE UNIVERSITY of ADELAIDE

Biomedical Engineering

Year 1				
S1	^ENG 1001 Introduction to Engineering	ELEC ENG 1100 Analog Electronics	ENG 1002 Programming (Matlab and C)	MATHS 1011 Mathematics IA
S2	PHYSICS 1510 Physics 1E: Mechanics & Thermodynamics	ELEC ENG 1102 Digital Electronics	COMP SCI 1102 Object Orientated Programming	MATHS 1012 Mathematics IB
Year 2				
S1	ELEC ENG 2017 Circuits and Systems	ELEC ENG 2101 Electronics	ELEC ENG 2102 Electric Energy Conversion	MATHS 2106 Differential Equations for Engineers II
S2	ELEC ENG 2100 Digital Systems	ELEC ENG 2104 Digital Signal Processing	ELEC ENG 2106 Vector Calculus & Electromagnetics	MATHS 2107 Statistics & Numerical Methods II
Year 3				
S1	ANAT SC 1102 Human Anatomy and Physiology IA	ELEC ENG 3103 Engineering Electromagnetics	ELEC ENG 3101 Control	COMP SCI 2103 Algorithm Design & Data Structures
S2	ELEC ENG 3113 Principles of Medical Imaging	COMP SCI 2000 Computer Systems	COMP SCI 2201 Algorithm & Data Structure Analysis	~Level II or III COMP SCI Elective
Internship				
All Engineering students commencing from 2019 are required to complete a minimum of 8 weeks of internships during the course of their studies. Refer to Program Notes.				
Year 4				
S1	ENG 3101 Introduction to Medical Technologies	ENG 3004 Systems Engineering & Industry Practice	# Level III COMP SCI Elective	# Level III COMP SCI Elective
S2	ELEC ENG 4115 Biomedical Instrumentation	ENG 3005 Research Method & Project Management	# Level III COMP SCI Elective	COMP SCI 3006 Software Engineering & Project
Year 5				
S1	ENG4001A Research Project Part A	PHYSIOL 2510 Physiology IIA: Heart, Lung & Neuromuscular Systems	E&E Engineering Elective (See elective table)	E&E Engineering Elective (See elective table)
S2	ENG 4001B Research Project Part B	ELEC ENG 4100 Business Management Systems	MECH ENG 4101 Biomechanical Engineering	E&E Engineering Elective (See elective table)

Core Courses	Core Courses for Major	Elective

ALL COURSES ARE WORTH 3 UNITS UNLESS SPECIFIED OTHERWISE

CHOOSE FROM THE FOLLOWING ELECTRICAL & ELECTRONIC (E&E) ENGINEERING ELECTIVES					
S1	ANAT SC 2006	Foundations of Human Neuroanatomy	**S2**	COMP SCI 2103	Algorithm Design & Data Structures
	ANAT SC 2109	Biology and Development of Human Tissues		ELEC ENG 3108	Telecommunications Principles
	COMP SCI 2103	Algorithm Design & Data Structures		ELEC ENG 4061	Image Processing
	ELEC ENG 4063	Communications		ELEC ENG 4067	Antennas & Propagation
	ELEC ENG 4109	Digital Microelectronics			
	ELEC ENG 4112	Signal Processing Applications			

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Bachelor of Engineering (Honours) (Electrical & Electronic) with Bachelor of Mathematical and Computer Sciences – Computer Science

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Renewable Energy Major

Year 1				
S1	^ENG 1001 Introduction to Engineering	ELEC ENG 1100 Analog Electronics	ENG 1002 Programming (Matlab and C)	MATHS 1011 Mathematics IA
S2	PHYSICS 1510 Physics 1E: Mechanics & Thermodynamics	ELEC ENG 1102 Digital Electronics	COMP SCI 1102 Object Orientated Programming	MATHS 1012 Mathematics IB
Year 2				
S1	ELEC ENG 2017 Circuits and Systems	ELEC ENG 2101 Electronics	ELEC ENG 2102 Electric Energy Conversion	MATHS 2106 Differential Equations for Engineers II
S2	ELEC ENG 2100 Digital Systems	ELEC ENG 2104 Digital Signal Processing	ELEC ENG 2106 Vector Calculus & Electromagnetics	MATHS 2107 Statistics & Numerical Methods II
Year 3				
S1	ELEC ENG 3103 Engineering Electromagnetics	ELEC ENG 3101 Control	COMP SCI 2103 Algorithm Design & Data Structures	COMP SCI 2000 Computer Systems
S2	ELEC ENG 3104 Electric Drive Systems	ELEC ENG 3110 Electric Power Systems	COMP SCI 2201 Algorithm & Data Structure Analysis	# Level II or III Comp Sci Elective
Internship				
All Engineering students commencing from 2019 are required to complete a minimum of 8 weeks of internship during the course of their studies – see the Program Notes.				
Year 4				
S1	MECH ENG 4064 Renewable Power Technologies ENG 3004	ENG 3004 Systems Engineering & Industry Practice	#Level III Comp Sci Elective	#Level III Comp Sci Elective
S2	ELEC ENG 4111 Distributed Generation Technologies	ENG 3005 Research Method & Project Management	#Level III Comp Sci Elective	COMP SCI 3006 Software Engineering & Project
Year 5				
S1	ENG 4001A Research Project Part A	E&E Engineering Elective (see elective table)	E&E Engineering Elective (see elective table)	E&E Engineering Elective (see elective table)
S2	ENG 4001B Research Project Part B	CHEM ENG 4048 Biofuels, Biomass and Wastes	ELEC ENG 4100 Business Management Systems	E&E Engineering Elective (see elective table)

Core Courses	Core Courses for Major	Core Courses for Minor or Major 2	Elective

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CHOOSE FROM THE FOLLOWING LEVEL 1 ENGINEERING ELECTIVES					
S1	COMP SCI 2103 COMP SCI 3001 ELEC ENG 4058 ELEC ENG 4109	Algorithm Design & Data Structures Computer Networks & Applications Power Quality & Condition Monitoring Digital Microelectronics	**S2**	COMP SCI 2103 ELEC ENG 3108 ELEC ENG 4087	Algorithm Design & Data Structures Telecommunications Principles Electricity Market and Power System Operations

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THE UNIVERSITY of ADELAIDE

Smart Technologies Major

Year 1				
S1	^ENG 1001 Introduction to Engineering	ELEC ENG 1100 Analog Electronics	ENG 1002 Programming (Matlab and C)	MATHS 1011 Mathematics IA
S2	PHYSICS 1510 Physics 1E: Mechanics & Thermodynamics	ELEC ENG 1102 Digital Electronics	COMP SCI 1102 Object Orientated Programming	MATHS 1012 Mathematics IB
Year 2				
S1	ELEC ENG 2017 Circuits and Systems	ELEC ENG 2101 Electronics	ELEC ENG 2102 Electric Energy Conversion	MATHS 2106 Differential Equations for Engineers II
S2	ELEC ENG 2100 Digital Systems	ELEC ENG 2104 Digital Signal Processing	ELEC ENG 2106 Vector Calculus & Electromagnetics	MATHS 2107 Statistics & Numerical Methods II
Year 3				
S1	COMP SCI 2103 Algorithm Design & Data Structures	ELEC ENG 3101 Control	ELEC ENG 3103 Engineering Electromagnetics	COMP SCI 2000 Computer Systems
S2	MECH ENG 3032 Micro-Controller Programming	COMP SCI 2201 Algorithm & Data Structure Analysis	#Level II or III Comp Sci Elective	#Level II or III Comp Sci Elective
Internship				
All Engineering students commencing from 2019 are required to complete a minimum of 8 weeks of internship during the course of their studies – see the Program Notes.				
Year 4				
S1	COMP SCI 3001 Computer Networks & Applications	ENG 3004 Systems Engineering & Industry Practice	#Level II or III Comp Sci Elective	#Level II or III Comp Sci Elective
S2	ELEC ENG 4107 Autonomous Systems	ENG 3005 Research Method & Project Management	#Level II or III Comp Sci Elective	COMP SCI 3006 Software Engineering & Project
Year 5				
S1	ENG 4001A Research Project Part A	E&E Engineering Elective (see elective table)	E&E Engineering Elective (see elective table)	E&E Engineering Elective (see elective table)
S2	ENG 4001B Research Project Part B	ELEC ENG 3108 Telecommunications Principles	ELEC ENG 4100 Business Management Systems	E&E Engineering Elective (see elective table)

Core Courses	Core Courses for Major	Core Courses for Minor or Major 2	Elective

ALL COURSES ARE WORTH 3 UNITS UNLESS SPECIFIED OTHERWISE

CHOOSE FROM THE FOLLOWING E&E ENGINEERING ELECTIVES

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Faculty of Sciences, Engineering and Technology

2023 Study Plan (Semester 1 Start)

Bachelor of Engineering (Honours) (Electrical & Electronic) with a Bachelor of Mathematical and Computer Sciences – Computer Science

S1	ELEC ENG 3088	Computer Architecture	**S2**	COMP SCI 3006	Software Engineering & Project
	ELEC ENG 4063	Communications		ELEC ENG 3108	Telecommunications Principles
	ELEC ENG 4069	Radar Principles & Systems		ELEC ENG 4061	Image Processing
	ELEC ENG 4109	Digital Microelectronics		ELEC ENG 4067	Antennas & Propagation
	ELEC ENG 4112	Signal Processing Applications			

Under the University's Student Charter, it is the student's responsibility to enrol correctly in accordance with the University's program requirements, course prerequisites and University procedures, and ensure that your enrolment will enable you to graduate in your chosen program. If this study plan is unclear or contains an error, it is recommended you seek confirmation and advice from the Faculty of Sciences, Engineering and Technology at the earliest opportunity

CRICOS 00123M

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