2022 Study Plan
Bachelor of Engineering (Honours) (Electrical and Electronic) with Bachelor of Finance and Banking — Semester 1 Start

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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 Oriented Programming ☐	MATHS 1012 Mathematics IB ☐
Year 2				
S1	ELEC ENG 2100 Digital Systems ☐	ELEC ENG 2101 Electronic Circuits ☐	MATHS 2106 Differential Equations for Engineers II ☐	ECON 1009 International Financial Institutions & Markets I ☐
S2	ELEC ENG 2103 Design & Innovation ☐	ELEC ENG 2104 Digital Signal Processing ☐	ELEC ENG 2106 Vector Calculus & Electromagnetics ☐	CORPFIN 1002 Business Finance I ☐
Year 3				
S1	ELEC ENG 2102 Electric Energy Conversion ☐	ENG 3004 Systems Engineering & Industry Practice ☐	ELEC ENG 3103 Engineering Electromagnetics ☐	ACCTING 1002 Introductory Accounting ☐
S2	MATHS 2107 Statistics & Numerical Methods II ☐	ELEC ENG 3104 Electric Drive Systems ☐	ELEC ENG 3110 Electric Power Systems ☐	ECON 1012 Principles of Economics ☐
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 note below elective table.				
Year 4				
S1	ELEC ENG 3101 Control ☐	CORPFIN 2501 Financial Institutions Management ☐	ECON 2508 Financial Economics II ☐	CORPFIN 2504 Options, Futures & Risk Management ☐
S2	ELEC ENG 4105 Real-Time and Embedded Systems ☐	ELEC ENG 4106 Radio Frequency Systems ☐	ENG 3005 Research Method & Project Management ☐	CORPFIN 2502 Business Valuation ☐
Year 5				
S1	ENG 4001A Research Project Part A ☐	E&E Engineering Elective (see elective table) ☐	ECON 3511 Money, Banking & Financial Markets III ☐	CORPFIN 3501 Portfolio Theory & Management ☐
S2	ENG 4001B Research Project Part B ☐	ELEC ENG 4100 Business Management Systems ☐	Level III Finance and Banking Elective ☐	MATHS 3012 Financial Modelling: Tools & Techniques III ☐

Core Course	Elective (see table)	Double Degree Courses

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

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Electives Table

	CHOOSE FROM THE FOLLOWING ELECTRICAL & ELECTRONIC (E&E) ENGINEERING ELECTIVES			
S1	COMP SCI 2103 — Algorithm Design & Data Structures COMP SCI 3001 — Computer Networks & Applications ELEC ENG 3088 — Computer Architecture ELEC ENG 4058 — Power Quality & Condition Monitoring ELEC ENG 4063 — Communications ELEC ENG 4069 — Radar Principles & Systems ELEC ENG 4109 — Digital Microelectronics ELEC ENG 4112 — Signal Processing Applications		**S2**	COMP SCI 2103 — Algorithm Design & Data Structures COMP SCI 3006 — Software Engineering & Project ELEC ENG 3108 — Telecommunications Principles ELEC ENG 3113 — Principles of Medical Imaging ELEC ENG 4061 — Image Processing ELEC ENG 4067 — Antennas & Propagation ELEC ENG 4087 — Electricity Market and Power System Operations ELEC ENG 4107 — Autonomous Systems ELEC ENG 4111 — Distributed Generation Technologies ELEC ENG 4115 — Biomedical Instrumentation
	CHOOSE FROM THE FOLLOWING FINANCE & BANKING ELECTIVES			
S1	ECON 3506 — International Trade III CORPFIN 3507 — Topics in Corporate Finance		**S2**	ECON 3510 — International Finance III CORPFIN 3505 — Corporate Regulations & Ethics in Finance CORPFIN 3506 — Takeovers, Corporate Restructuring & Governance

NOTES

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Program Rules: For academic program rules please refer to the following website: https://calendar.adelaide.edu.au/faculty/ecms

Information and Enrolment Advice:
Ask ECMS
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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 Oriented Programming ☐	MATHS 1012 Mathematics IB ☐

	Year 2			
S1	ELEC ENG 2100 Digital Systems ☐	ELEC ENG 2101 Electronic Circuits ☐	MATHS 2106 Differential Equations for Engineers II ☐	ECON 1009 International Financial Institutions & Markets I ☐
S2	ELEC ENG 2103 Design & Innovation ☐	ELEC ENG 2104 Digital Signal Processing ☐	ELEC ENG 2106 Vector Calculus & Electromagnetics ☐	CORPFIN 1002 Business Finance I ☐

	Year 3			
S1	ELEC ENG 2102 Electric Energy Conversion ☐	ENG 3004 Systems Engineering & Industry Practice ☐	ELEC ENG 3103 Engineering Electromagnetics ☐	ACCTING 1002 Introductory Accounting ☐
S2	ELEC ENG 3110 Electric Power Systems ☐	ELEC ENG 3104 Electric Drive Systems ☐	MATHS 2107 Statistics & Numerical Methods II ☐	ECON 1012 Principles of Economics ☐

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 note below elective table.

	Year 4			
S1	ELEC ENG 3101 Control ☐	CORPFIN 2501 Financial Institutions Management ☐	ECON 2508 Financial Economics II ☐	CORPFIN 2504 Options, Futures & Risk Management ☐
S2	CHEM ENG 4048 Biofuels, Biomass and Wastes ☐	ELEC ENG 4111 Distributed Generation Technologies ☐	ENG 3005 Research Method & Project Management ☐	CORPFIN 2502 Business Valuation ☐

	Year 5			
S1	ENG 4001A Research Project Part A ☐	MECH ENG 4064 Renewable Power Technologies ☐	ECON 3511 Money, Banking & Financial Markets III ☐	CORPFIN 3501 Portfolio Theory & Management ☐
S2	ENG 4001B Research Project Part B ☐	ELEC ENG 4100 Business Management Systems ☐	Level III Finance and Banking Elective ☐	MATHS 3012 Financial Modelling: Tools & Techniques III ☐

Core Course	Major course	Double Degree Courses

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Bachelor of Engineering (Honours) (Electrical and Electronic) with Bachelor of Finance and Banking — Semester 1 Start

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 Oriented Programming ☐	MATHS 1012 Mathematics IB ☐
	Year 2			
S1	ELEC ENG 2100 Digital Systems ☐	ELEC ENG 2101 Electronic Circuits ☐	MATHS 2106 Differential Equations for Engineers II ☐	ECON 1009 International Financial Institutions & Markets I ☐
S2	ELEC ENG 2103 Design & Innovation ☐	ELEC ENG 2104 Digital Signal Processing ☐	ELEC ENG 2106 Vector Calculus & Electromagnetics ☐	CORPFIN 1002 Business Finance I ☐
	Year 3			
S1	ELEC ENG 2102 Electric Energy Conversion ☐	ENG 3004 Systems Engineering & Industry Practice ☐	ELEC ENG 3103 Engineering Electromagnetics ☐	ACCTING 1002 Introductory Accounting ☐
S2	COMP SCI 2103 Algorithm Design & Data Structures ☐	MECH ENG 3032 Micro-Controller Programming ☐	MATHS 2107 Statistics & Numerical Methods II ☐	ECON 1012 Principles of Economics ☐
	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 note below elective table.			
	Year 4			
S1	ELEC ENG 3101 Control ☐	CORPFIN 2501 Financial Institutions Management ☐	ECON 2508 Financial Economics II ☐	CORPFIN 2504 Options, Futures & Risk Management ☐
S2	ELEC ENG 3108 Telecommunications Principles ☐	ELEC ENG 4107 Autonomous Systems ☐	ENG 3005 Research Method & Project Management ☐	CORPFIN 2502 Business Valuation ☐
	Year 5			
S1	ENG 4001A Research Project Part A ☐	COMP SCI 3001 Computer Networks & Applications ☐	ECON 3511 Money, Banking & Financial Markets III ☐	CORPFIN 3501 Portfolio Theory & Management ☐
S2	ENG 4001B Research Project Part B ☐	ELEC ENG 4100 Business Management Systems ☐	Level III Finance and Banking Elective ☐	MATHS 3012 Financial Modelling: Tools & Techniques III ☐

Core Course	Major course	Double Degree Courses

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