

Bachelor of Engineering (Honours) (Electrical and Electronic) with Bachelor of Finance

Year 1				
S 1	^ENG 1001 Introduction to Engineering <input type="checkbox"/>	ELEC ENG 1100 Analog Electronics <input type="checkbox"/>	ENG 1002 Programming (Matlab and C) <input type="checkbox"/>	#MATHS 1011 Mathematics IA <input type="checkbox"/>
S 2	PHYSICS 1510 Physics 1E Mechanics & Thermodynamics <input type="checkbox"/>	ELEC ENG 1102 Digital Electronics <input type="checkbox"/>	COMP SCI 1102 Object Oriented Programming <input type="checkbox"/>	MATHS 1012 Mathematics IB <input type="checkbox"/>
Year 2				
S 1	ELEC ENG 2100 Digital Systems <input type="checkbox"/>	ELEC ENG 2101 Electronic Circuits <input type="checkbox"/>	MATHS 2106 Differential Equations for Engineers II <input type="checkbox"/>	ECON 1009 International Financial Institutions & Markets I <input type="checkbox"/>
S 2	ELEC ENG 2103 Design & Innovation <input type="checkbox"/>	ELEC ENG 2104 Digital Signal Processing <input type="checkbox"/>	ELEC ENG 2106 Vector Calculus & Electromagnetics <input type="checkbox"/>	CORPFIN 1002 Business Finance I <input type="checkbox"/>
Year 3				
S 1	ELEC ENG 2102 Electric Energy Conversion <input type="checkbox"/>	ELEC ENG 3101 Control <input type="checkbox"/>	ELEC ENG 3103 Engineering Electromagnetics <input type="checkbox"/>	ACCTING 1002 Introductory Accounting <input type="checkbox"/>
S 2	MATHS 2107 Statistics & Numerical Methods II <input type="checkbox"/>	ELEC ENG 3104 Electric Drive Systems <input type="checkbox"/>	ELEC ENG 3110 Electric Power Systems <input type="checkbox"/>	ECON 1012 Principles of Economics <input type="checkbox"/>
Internship				
All Engineering students commencing from 2019 are required to complete a minimum of 8 weeks (6 units) of internship during the course of their studies – see note below elective table.				
Year 4				
S 1	ELEC ENG 3100 Systems Engineering <input type="checkbox"/>	ENG 3004 Interdisciplinary Professional Practice <input type="checkbox"/>	CORPFIN 2502 Business Valuation II <input type="checkbox"/>	ECON 2508 Financial Economics II <input type="checkbox"/>
S 2	ELEC ENG 4105 Real-Time and Embedded Systems <input type="checkbox"/>	ELEC ENG 4106 Radio Frequency Systems <input type="checkbox"/>	ENG 3005 Research Method and Project Management <input type="checkbox"/>	MATHS 2103 Probability & Statistics <b>OR</b> ECON 2504 Intermediate Econometrics II <input type="checkbox"/>
Year 5				
S 1	ENG 4001A Research Project Part A <input type="checkbox"/>	CORPFIN 3501 Portfolio Theory & Management III <input type="checkbox"/>	Level III Finance Elective <input type="checkbox"/>	Level III Finance Elective <input type="checkbox"/>
S 2	ENG 4001B Research Project Part B <input type="checkbox"/>	ELEC ENG 4100 Business Management Systems <input type="checkbox"/>	CORPFIN 2501 Financial Institutions Management II <input type="checkbox"/>	MATHS 3012 Financial Modelling: Tools & Techniques III <b>OR</b> CORPFIN 3502 Options, Futures & Risk Management III <input type="checkbox"/>



THE UNIVERSITY  
of ADELAIDE

#### NOTES

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

#**Maths:** Students who have not passed SACE Stage 2 Specialist Maths must enrol in MATHS 1013 Mathematics IM before enrolling in MATHS 1011 Mathematics IA. Manage your enrolment by completing MATHS 1013 Mathematics IM in semester 1 followed by MATHS 1011 Mathematics IA in semester 2 and MATHS 1012 Mathematics IB in summer school. MATHS 1013 Mathematics IM is in addition to the requirements of this program.

**Internship:** The 8 weeks of internship must be supervised by a qualified engineer and may be completed in one placement or a series of placements. The Faculty recommends students undertake internships upon commencement of third year engineering courses. Enrolment into 6 unit internship course opens from S1 2021. Internships are self-sourced and resources are available through [Careers Service](#). Register with CareerHub to access a database where opportunities are posted.

# Faculty of Engineering, Computer and Mathematical Sciences 2020 Study Plan

**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

Email: [askecms@adelaide.edu.au](mailto:askecms@adelaide.edu.au)

Website: <https://ecms.adelaide.edu.au/study-with-us/student-support>