

CHECKLIST Bachelor of Engineering (Honours) – Electrical & Computer Engineering (2342): Completion of pre-2021 program

Full name: _____ Student Number: _____ Date: _____

Points to note

- You need to ensure that you meet minimum program and major requirements (listed below)
- You cannot count the same course twice
- You need to ensure that you don't take courses that are incompatible with courses that you have already counted towards your program, and that any prerequisites have been met

You must complete for the BE(Hons) (Electrical & Computer Engineering Plan code: ELCOMW2342); 64 units comprising -

- 60 units, comprising
 - 50 units, being all courses from part A - compulsory, and
 - 10 units from part B - electives (with a minimum of 4 units of level four courses), and
- 4 units from electives

PART A

Tick the courses you have completed and nominate the alternative course you plan to choose (if required). Discontinued courses are coloured red.

✓/X compl.	Pre-2021 Part A list	#	Last offered	If NOT completed – you can choose*:	Sem offering	#	First offered	✓/X compl.
	50 units, being all courses from: Part A – Compulsory							
	ENGG1100 Engineering Design (2) and ENGG1200 Engineering Modelling & Problem Solving (2) (discontinued) OR ENGG1211 Engineering Design, Modelling & Problem Solving (4) (discontinued)	2 2 4	2/20 2/20	ENGG1100 Professional Engineering and * Please contact EAIT Student Admin for ENGG1200 replacement	1,2	2		
	MATH1051 Calculus & Linear Algebra I OR MATH1071 Advanced Calculus & Linear Algebra I	2		MATH1051 Calculus & Linear Algebra I OR MATH1071 Advanced Calculus & Linear Algebra I	1,2	2		
	MATH1052 Multivariate Calculus & Ordinary Differential Equations OR MATH1072 Advanced Multivariate Calculus & Ordinary Differential Equations	2		MATH1052 Multivariate Calculus & Ordinary Differential Equations OR MATH1072 Advanced Multivariate Calculus & Ordinary Differential Equations	1,2	2		
	CSSE1001 Introduction to Software Engineering	2		CSSE1001 Introduction to Software Engineering OR ENGG1001 Programming for Engineers (NEW)	1,2 1,2	2	1/21	
	ENGG1300 Introduction to Electrical Systems	2		ENGG1300 Introduction to Electrical Systems	1,2	2		
	PHYS1002 Electromagnetism and Modern Physics	2		PHYS1002 Electromagnetism and Modern Physics (sem 2 only from 2022)	1,2	2		
	CSSE2002 Programming in the Large	2		CSSE2002 Programming in the Large	1,2	2		
	CSSE2010 Introduction to Computer Systems	2		CSSE2010 Introduction to Computer Systems	1,2	2		
	ELEC2003 Electromechanics & Electronics (discontinued)	2	1/21	ELEC2300 Electromagnetism & Electromechanics NEW	1	2	1/22	
	MATH2001 Advanced Calculus & Linear Algebra II	2		MATH2001 Calculus & Linear Algebra II	1,2,S	2		
	CSSE2310 Computer Systems Principles and Programming	2		CSSE2310 Computer Systems Principles and Programming	1,2	2		
	ELEC2004 Circuits, Signals & Systems	2		ELEC2004 Circuits, Signals & Systems	2	2		

✓ - course already completed X – course to be undertaken

Checked by (Faculty: Name and Date): _____

	ENGG2800 Team Project I	2		ENGG2800 Team Project I	1,2	2			
	MATH2010 Analysis of Ordinary Differential Equations AND STAT2202 Probability Models for Engineering & Science (discontinued)	1	2/20	MATH2010 Analysis of Ordinary Differential Equations AND STAT2201 Analysis of Eng. & Scientific Data (1) or STAT2203 Probability Models and Data Analysis for Engineering (2)	1,2	1			
		1				1,2 2	1 2		
	CSSE3010 Embedded Systems Design & Interfacing	2		CSSE3010 Embedded Systems Design & Interfacing	1	2			
	ELEC3004 Signals, Systems & Control	2		ELEC3004 Circuits, Signals and Systems	1	2			
	ELEC3400 Electronic Circuits (discontinued)	2	1/21	ELEC2400 Electronic Circuits and Amplifiers (NEW)	1	2	1/22		
	CSSE4010 Digital System Design	2		CSSE4010 Digital System Design	1,2	2			
	ELEC3100 Fundamentals of Electromagnetic Fields & Waves	2		ELEC3100 Fundamentals of Electromagnetic Fields & Waves	2	2			
	ENGG3800 Team Project II	2		ENGG3800 Team Project II	2	2			
	ENGG4801 Thesis Project (discontinued) / ENGG4811 (from 1/21) or ENGG4802 Thesis Project (discontinued) / ENGG4812 (from 2/21) or ENGG4805 Thesis Project	4	1/21 2/21	REIT4841 Research and Development Methods and Practice or REIT4842 Research and Development Methods and Practice or ENGG4805 Thesis Project (tbd)	1 2 1,2	4	1/22 2/22		
	CSSE4011 Advanced Embedded Systems	2		CSSE4011 Advanced Embedded Systems	1	2			
	ENGG4900 Professional Practice and the Business Environment	2		ENGG4900 Professional Practice and the Business Environment	1,2	2			
Part A units completed pre-2021:				Part A units to be substituted/completed:					
				Total Part A (must add up to 50 units):					

PART B

✓/X compl.	Part B - Electives	#	Last offered	If NOT completed – you can choose*:	Sem offering	#	First offered	✓/X compl.
	COMP3301 Operating Systems Architecture	2		COMP3301 Operating Systems Architecture	2	2		
	COMP3506 Algorithms & Data Structures	2		COMP3506 Algorithms & Data Structures	2	2		
	COMP3710 Pattern Recognition and Analysis	2		COMP3710 Pattern Recognition and Analysis	2	2		
	COMP4702 Machine Learning	2		COMP4702 Machine Learning	2	2		
	COMS3000 Information Security (discontinued)	2	2/20	CYBR3000 Information Security	1	2	2/21	
	COMS3200 Computer Networks I	2		COMS3200 Computer Networks I	1	2		
	COMS4103 Photonics (discontinued)	2	1/20	COMS4113 Photonics	1	2	1/21	
	COMS4104 Microwave Engineering	2		COMS4104 Microwave Engineering	1	2		
	COMS4105 Communication Systems	2		COMS4105 Communication Systems	2	2		

Once you have completed the checklist, you may either email your checklist to the Faculty on enquiries@eit.uq.edu.au or book an appointment with an Academic Advisor directly.

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	COMS4200 Computer Networks II (discontinued)	2	2/20	COMS6200 Computer Networks II	2	2	2/21	
	CSSE2002 Programming in the Large	2		CSSE2002 Programming in the Large	1,2	2		
	CSSE4010 Digital System Design	2		CSSE4010 Digital System Design	2	2		
	CSSE4011 Advanced Embedded Systems	2		CSSE4011 Advanced Embedded Systems	1	2		
	ELEC4300 Power Systems Analysis (discontinued)	2	1/20	ELEC4310 Power Systems Analysis	1	2	1/21	
	ELEC4400 Advanced Electronic & Power Electronics Design (discontinued)	2	2/20	ELEC4410 Advanced Electronic & Power Electronics Design	2	2	2/21	
	ENGG2000 Humanitarian Engineering	2		ENGG2000 Humanitarian Engineering	2	2		
	ENGG4800 Project Management	2		ENGG4800 Project Management	1	2		
	METR4201 Control Engineering 1	2		METR4201 Control Engineering 1	1	2		
	METR4202 Robotics & Automation	2		METR4202 Robotics & Automation	2	2		

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