

BE(Hons) Electrical Engineering Specialisation + Biomedical Engineering Major Study Plan (2021 onwards)

UNITS REQUIRED	8	36	16	4
	Core	Specialisation	Major	Electives

BE(Hons) Electrical Specialisation + Biomedical Engineering Study Plan Semester 2 Commencement <u>without</u> Maths C					
Year 1	Semester 1 (July)	ENGG1100 Prof. Engineering	MATH1050	ENGG1300	CSSE1001 - Introduction to Software Engineering
			MATH1051		
	Semester 2 (February)	MATH1052	CSSE2010 Introduction to Computer Systems	MATH2001 Advanced Calculus & Linear Algebra II	BIOE1001 Intro Biomedical Science for Engineers
Year 2	Semester 3 (July)	MATH2010 & STAT2201	ELEC2004 Circuits signals and systems	ENGG2800 Team Project I	CSSE2310 Computer Systems Principles and Programming
	Semester 4 (February)	CSSE3010 Embedded Systems Design & Interfacing	ELEC2300	ELEC2400	Program or General Elective
Year 3	Semester 5 (July)	ENGG3800 Team Project II	ELEC3004 Signals, Systems & Control	BIOE3001 Quantitative Methods In Biomed. Eng.	BIOE6403 Medical Instrumentation
	Semester 6 (February)	Elective within Specialisation	METR4201 (Control Engineering 1)	Biomedical Engineering Elective	BIOE6901 Medical Device Engineering
Year 4	Semester 7 (July)	REIT4842	ELEC3100 (EM Fields and Waves)	BIOE6305 Biomaterials: Materials in Medicine	BIO6601 Medical Imaging
	Semester 8 (February)	REIT4842	ENGG4900 - Professional Practice and the Business Environment	Biomedical Engineering Elective	Program or General Elective

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	Semester 2 (February)	CSSE2010 Introduction to Computer Systems	MATH1052	BIOE1001	Program or General Elective
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