

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

<b>UNITS REQUIRED</b>	<b>8</b>	<b>36</b>	<b>16</b>	<b>4</b>
	Core	Specialisation	Major	Electives

BE(Hons) Electrical Specialisation + Biomedical Engineering Study Plan Semester 1 Commencement <u>without</u> Maths C					
Year 1	Semester 1 (February)	ENGG1100 Prof. Engineering	MATH1050	ENGG1300	BIOE1001 Intro Biomedical Science for Engineers
	Semester 2 (July)	CSSE1001 - Introduction to Software Engineering	MATH1051	CSSE2010 Introduction to Computer Systems	
	MATH1052				
Year 2	Semester 3 (February)	MATH2001 Advanced Calculus & Linear Algebra II	ELEC2400 Electronic Circuits and Amplifiers	ELEC2300 Electromagnetism and Electromechanics	CSSE2310 Computer Systems Principles and Programming
	Semester 4 (July)	MATH2010 & STAT2201	ELEC2004 Circuits signals and systems	BIOE6403	BIOE3001
Year 3	Semester 5 (February)	ENGG2800 Team Project I	ELEC3004 Signals, Systems & Control	CSSE3010 Embedded Systems Design & Interfacing	
	Semester 6 (July)	ENGG3800 Team Project II	ELEC3100 (EM Fields and Waves)	Biomedical Eng Elective	BIO6601 Medical Imaging
Year 4	Semester 7 (February)	REIT4841	ENGG4900 - Professional Practice and the Business Environment OR Equivalent Course	METR4201 Control Engineering	BIOE6901 Medical Device Engineering
	Semester 8 (July)	REIT4841	Biomedical Eng Elective	BIOE6305 Biomaterials: Materials in Medicine	Elective within Specialisation

BE(Hons) Electrical Specialisation + Biomedical Engineering Study Plan Semester 1 Commencement <u>with</u> Maths C					
Year 1	Semester 1 (February)	ENGG1100 Prof. Engineering	MATH1051	CSSE1001 - Introduction to Software Engineering	BIOE1001 Intro Biomedical Science for Engineers
	Semester 2 (July)	ENGG1300	MATH1052	CSSE2010 Introduction to Computer Systems	Program or General Elective
Year 2	Semester 3 (February)	MATH2001 Advanced Calculus & Linear Algebra II	ELEC2400 Electronic Circuits and Amplifiers	ELEC2300 Electromagnetism and Electromechanics	Program or General Elective
	Semester 4 (July)	MATH2010 & STAT2201	ELEC2004 Circuits signals and systems	CSSE2310 Computer Systems Principles and Programming	BIOE3001 Quantitative Methods In Biomed. Eng.
Year 3	Semester 5 (February)	ENGG2800 Team Project I	ELEC3004 Signals, Systems & Control	CSSE3010 Embedded Systems Design & Interfacing	Elective within Specialisation
	Semester 6 (July)	ENGG3800 Team Project II	ELEC3100 (EM Fields and Waves)	Biomedical Eng Elective	BIOE6403 Medical Instrumentation
Year 4	Semester 7 (February)	REIT4841	ENGG4900 - Professional Practice and the Business Environment OR Equivalent Course	METR4201	BIOE6901 Medical Device Engineering
	Semester 8 (July)	REIT4841	Biomedical Engineering Elective	BIOE4305 Biomaterials: Materials in Medicine	BIO6601 Medical Imaging