	Year 1		Year 2		Year 3		Year 4		Year 5
Term 1	**DESN1000** Engineering Design and Innovation	**Term 1**	**COMP1521** Computer Systems Fundamentals	**Term 1**	**COMP3222** Digital Circuits and Systems	**Term 1**	**Discipline Elective**	**Term 1**	**BIOM4951** Research Thesis A (4 UoC)
	PHYS1121 Physics 1A OR **PHYS1131** Higher Physics 1A		**COMP1531** Software Engineering Fundamentals		**COMP2511** Object-Oriented Design & Programming		**Biomedical Engineering Course**		**BIOM9410** Regulatory Requirements of Biomedical Technology
	MATH1131 Mathematics 1A OR **MATH1141** Higher Mathematics 1A		**ELEC2134** Circuits and Signals		**PHSL2121** Principles of Physiology A		**Biomedical Engineering Course**		**Biomedical Engineering Course**
Term 2	**COMP1511** Programming Fundamentals	**Term 2**	**DESN2000** Engineering Design & Professional Practice	**Term 2**	**COMP3211** Computer Architecture	**Term 2**	**COMP4601** Design Project B	**Term 2**	**BIOM4952** Research Thesis B (4 UoC)
	MATH1081 Discrete Mathematics		**MATH2099** Mathematics 2B		**Free Elective***		**Discipline Elective**		**BIOM9420** Clinical Laboratory Science
			ELEC2133 Analogue Electronics						**Discipline Elective**
Term 3	**MATH1231** Mathematics 1B OR **MATH1241** Higher Mathematics 1B	**Term 3**	**COMP2521** Data Structures and Algorithms	**Term 3**	**COMP3601** Design Project A	**Term 3**	**COMP4920** Professional Issues and Ethics in Information Technology	**Term 3**	**BIOM4953** Research Thesis C (4 UoC)
	ELEC1111 Electrical Circuit Fundamentals		**Discipline Elective**		**COMP3231** Operating Systems		**Biomedical Engineering Course**		**Biomedical Engineering Course**
	PHYS1221 Physics 1B OR **PHYS1231** Higher Physics 1B				**Discipline Elective**		**Biomedical Engineering Course**		**Biomedical Engineering Course**

NOTES

Compulsory Training Component: There is a program requirement of 60 days approved Industrial Training ENGG4999

*BIOM1010 Engineering in Medicine and Biology is a recommended elective

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Information is correct as of October 2024 and is based on proposed prerequisites and course availability. This is to be used as a guide only and does not replace individual advice. Refer to the Handbook and Class Timetable for the relevant term to check availability for these courses. Contact The Nucleus: Student Hub for further assistance. CRICOS Provider Code 00098G

Engineering
Engineering (Honours) / Biomedical Engineering (3768)
Computer Engineering (COMPBH)
T2 Entry 2025 Sample Plan

	Year 1		Year 2		Year 3		Year 4		Year 5
Term 2	**COMP1511** Programming Fundamentals	**Term 2**	**COMP1531** Software Engineering Fundamentals	**Term 2**	**COMP3231** Operating Systems	**Term 2**	**COMP4601** Design Project B	**Term 2**	**BIOM4951** Research Thesis A (4 UoC)
	MATH1131 Mathematics 1A		**COMP2521** Data Structures and Algorithms		**MATH2099** Mathematics 2B		**COMP3211** Computer Architecture		**BIOM9420** Clinical Laboratory Science
	PHYS1121 Physics 1A OR **PHYS1131** Higher Physics 1A		**DESN2000** Engineering Design & Professional Practice		**ELEC2133** Analogue Electronics		**Free Elective***		**Biomedical Engineering Course**
Term 3	**DESN1000** Engineering Design and Innovation	**Term 3**	**COMP2511** Object-Oriented Design & Programming	**Term 3**	**COMP3601** Design Project A	**Term 3**	**Discipline Elective**	**Term 3**	**BIOM4952** Research Thesis B (4 UoC)
	COMP1521 Computer Systems Fundamentals		**ELEC2134** Circuits and Signals		**Discipline Elective**		**Biomedical Engineering Course**		**Biomedical Engineering Course**
	ELEC1111 Electrical Circuit Fundamentals		**MATH1081** Discrete Mathematics		**Discipline Elective**				**Discipline Elective**
Term 1	**MATH1231** Mathematics 1B OR **MATH1241** Higher Mathematics 1B	**Term 1**	**PHSL2121** Principles of Physiology A	**Term 1**	**Biomedical Engineering Course**	**Term 1**	**BIOM9410** Regulatory Requirements of Biomedical Technology	**Term 1**	**BIOM4953** Research Thesis C (4 UoC)
	PHYS1221 Physics 1B OR **PHYS1231** Higher Physics 1B		**COMP3222** Digital Circuits and Systems		**Discipline Elective**		**COMP4920** Professional Issues and Ethics in Information Technology		**Biomedical Engineering Course**
							Biomedical Engineering Course		**Biomedical Engineering Course**

NOTES

Compulsory Training Component: There is a program requirement of 60 days approved Industrial Training ENGG4999

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Engineering

Engineering (Honours) / Biomedical Engineering (3768)

Computer Engineering (COMPBH)

T3 Entry 2025 Sample Plan

	Year 1		Year 2		Year 3		Year 4		Year 5
Term 3	**DESN1000** Engineering Design and Innovation	**Term 3**	**PHYS1221** Physics 1B OR **PHYS1231** Higher Physics 1B	**Term 3**	**COMP2511** Object-Oriented Design & Programming	**Term 3**	**Discipline Elective**	**Term 1**	**BIOM4951** Research Thesis A (4 UoC)
	COMP1511 Programming Fundamentals		**MATH1231** Mathematics 1B OR **MATH1241** Higher Mathematics 1B		**COMP3601** Design Project A		**Biomedical Engineering Course**		**Biomedical Engineering Course**
	ELEC1111 Electrical Circuit Fundamentals		**COMP2521** Data Structures and Algorithms		**Discipline Elective**		**Biomedical Engineering Course**		**Biomedical Engineering Course**
Term 1	**COMP1521** Computer Systems Fundamentals	**Term 1**	**ELEC2134** Circuits and Signals	**Term 1**	**Discipline Elective**	**Term 1**	**COMP4920** Professional Issues and Ethics in Information Technology	**Term 2**	**BIOM4952** Research Thesis B (4 UoC)
	PHYS1121 Physics 1A OR **PHYS1131** Higher Physics 1A		**COMP3222** Digital Circuits and Systems		**Discipline Elective**		**Discipline Elective**		**BIOM9410** Regulatory Requirements of Biomedical Technology
	MATH1131 Mathematics 1A OR **MATH1141** Higher Mathematics 1A		**PHSL2121** Principles of Physiology A						**Biomedical Engineering Course**
Term 2	**COMP1531** Software Engineering Fundamentals	**Term 2**	**DESN2000** Engineering Design & Professional Practice	**Term 2**	**MATH2099** Mathematics 2B	**Term 2**	**COMP4601** Design Project B	**Term 3**	**BIOM4953** Research Thesis C (4 UoC)
	MATH1081 Discrete Mathematics		**ELEC2133** Analogue Electronics		**COMP3211** Computer Architecture		**Free Elective***		**BIOM9420** Clinical Laboratory Science
					COMP3231 Operating Systems		**Biomedical Engineering Course**		**Biomedical Engineering Course**

NOTES	Compulsory Training Component: There is a program requirement of 60 days approved Industrial Training ENGG4999
	*BIOM1010 Engineering in Medicine and Biology is a recommended elective
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