UNSW SYDNEY

Bachelor Eng (Honours) / Master Biomedical Eng - 3768 - Computer Engineering - COMPBH - T1 2026

Program: Eng (Hons) / MBiomedE [3768]

Year 1 Term 1

Course or Activity	Prerequisites	Credits
ELEC1111 Electrical Circuit Fundamentals		6
MATH1131 or MATH1141		6
PHYS1121 or PHYS1131		6

Year 1 Term 2

Course or Activity	Prerequisites	Credits
COMP1511 Programming Fundamentals		6
MATH1081 Discrete Mathematics		6

Year 1 Term 3

Course or Activity	Prerequisites	Credits
DESN1000 Introduction to Engineering Design and Innovation		6
PHYS1221 or PHYS1231		6
MATH1231 or MATH1241		6

Year 2 Term 1

Course or Activity	Prerequisites	Credits
COMP1521 Computer Systems Fundamentals	COMP1511	6
COMP1531 Software Engineering Fundamentals	COMP1511	6
ELEC2134 Circuits and Signals	ELEC1111	6

Year 2 Term 2

Course or Activity	Prerequisites	Credits
DESN2000 Engineering Design and Professional Practice	COMP2521, DESN1000, COMP1511, COMP1521	6
ELEC2133 Analogue Electronics	ELEC2134	6
MATH2099 Mathematics 2B		6

Year 2 Term 3

Course or Activity	Prerequisites	Credits
COMP2521 Data Structures and Algorithms	COMP1511	6

Course or Activity		Credits
Discipline Electives		6

Year 3 Term 1

Course or Activity	Prerequisites	Credits
COMP2511 Software Design and Architecture	COMP2521, COMP1531	6
COMP3222 Digital Circuits and Systems	COMP1521	6
PHSL2121 Principles of Physiology A		6

Year 3 Term 2

Course or Activity	Prerequisites	Credits
COMP3211 Computer Architecture	COMP3222	6
Free Elective		6

Year 3 Term 3

Course or Activity	Prerequisites	Credits
COMP3231 Operating Systems	COMP2521, COMP1521, DESN2000	6
COMP3601 Design Project A	COMP3222, DESN2000	6
Discipline Electives		6

Year 4 Term 1

Course or Activity	Prerequisites	Credits
Discipline Electives		6
Biomedical Engineering Courses		6
Biomedical Engineering Courses		6

Year 4 Term 2

Course or Activity	Prerequisites	Credits
COMP4601 Design Project B	COMP3211, COMP3601	6
Discipline Electives		6

Year 4 Term 3

Course or Activity	Prerequisites	Credits
COMP4920 Professional Issues and Ethics in Information Technology		6
Biomedical Engineering Courses		6
Biomedical Engineering Courses		6

Year 5 Term 1

Course or Activity	Prerequisites	Credits
BIOM4951 Research Thesis A		4
BIOM9410 Regulatory Requirements of Biomedical Technology		6
Biomedical Engineering Courses		6

Year 5 Term 2

Course or Activity	Prerequisites	Credits
BIOM4952 Research Thesis B	BIOM4951	4
BIOM9332 Biocompatibility		6
BIOM9420 Clinical Laboratory Science		6

Year 5 Term 3

Course or Activity	Prerequisites	Credits
BIOM4953 Research Thesis C	BIOM4952	4
ENGG4999 Industrial Training		0
Biomedical Engineering Courses		6
Biomedical Engineering (Dual Mode)		6