

Bachelor Engineering (Honours) - 3707 - Computer Engineering - COMPBH - T1 2026 Start

Program: Engineering (Honours) [3707]

Year 1 Term 1

Course or Activity	Prerequisites	Credits
ELEC1111 Electrical Circuit Fundamentals		6
MATH1081 Discrete Mathematics		6

Year 1 Term 2

Course or Activity	Prerequisites	Credits
COMP1511 Programming Fundamentals		6
MATH1131 Mathematics 1A		6
<i>PHYS1121 or PHYS1131</i>		6

Year 1 Term 3

Course or Activity	Prerequisites	Credits
DESN1000 Introduction to Engineering Design and Innovation		6
MATH1231 Mathematics 1B	MATH1131	6
<i>PHYS1221 or PHYS1231</i>		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	MATH1231	6

Year 2 Term 3

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

Free Electives		6
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Year 3 Term 1

Course or Activity	Prerequisites	Credits
COMP2511 Software Design and Architecture	COMP2521, COMP1531	6
COMP3222 Digital Circuits and Systems	COMP1521	6
<i>Discipline Electives</i>		6

Year 3 Term 2

Course or Activity	Prerequisites	Credits
COMP3211 Computer Architecture	COMP3222	6
<i>Discipline Electives</i>		6
<i>Free Electives</i>		6

Year 3 Term 3

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

Year 4 Term 1

Course or Activity	Prerequisites	Credits
COMP4951 Research Thesis A		4
<i>General Education</i>		6
<i>Discipline Electives</i>		6

Year 4 Term 2

Course or Activity	Prerequisites	Credits
COMP4601 Design Project B	COMP3211, COMP3601	6
COMP4952 Research Thesis B	COMP4951	4
<i>General Education</i>		6

Year 4 Term 3

Course or Activity	Prerequisites	Credits
COMP4920 Professional Issues and Ethics in Information Technology		6
COMP4953 Research Thesis C	COMP4952	4
ENGG4999 Industrial Training		0
<i>Discipline Electives</i>		6