

BACHELOR OF ENGINEERING IN ELECTRICAL AND COMPUTER SYSTEMS ENGINEERING

FIRST YEAR	2A	2B	3A	3B	4A	4B
ENG1060 Computing for Engineers	ECE2071 Computer Organisation and Programming	ECE2072 Digital Systems	ECE3092 Systems Engineering & Reliability Analysis	ECE3091 Engineering Design	ECE4094 and ECE4095 Major Design Project	
ENG1091 Mathematics for Engineers						
ENG1030 Electrical Systems	ECE2061 Analogue Electronics	ECE2021 Electromagnetism	ECE3073 Computer Systems or ECE3022 Wireless & Guided EM	ECE3062 Electronic Circuits & Control or ECE3051 Electrical Energy Systems	ECE3022 Wireless & Guided EM or ECE3073 Computer Systems	ECE3051 Electrical Energy Systems or ECE3062 Electronic Circuits & Control
ENG1081 Physics for Engineering						
ENG1090 Foundation Mathematics (if no VCE Spec. Maths) or Other first year Unit	ECE2011 Signal Processing	ENG2092 Advanced Engineering Maths B	ECE3093 Optimisation Estimation & Numerical Methods	Elective	ECE4099 Professional Practice	Elective
Other first year Engineering Unit						
Other first year Engineering Unit	ECE2041 Telecommunications	ECE2031 Circuits & Control	Elective	Elective	Elective	Elective
Other First Year Engineering Unit						

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BACHELOR OF COMPUTER SYSTEMS ENGINEERING

1A	1B	2A	2B	3A	3B	4A	4B
FIT1029 Algorithmic Problem Solving	FIT1008 Introduction to Computer Science	ECE3073 Computer Systems	ECE2021 Electro-magnetism	ECE3092 Systems Eng. & Reliability Analysis	ECE3091 Engineering Design	ECE4094 and ECE4095 Major Design Project	
ECE2071 Computer Organisation and Programming	ECE2072 Digital Systems	ECE2061 Analogue Electronics	ECE2031 Circuits & Control	ECE3022 Wireless & Guided EM	ECE3062 Elec. Systems & Control	ECSE Elective	ECSE Elective
ENG1091 Mathematics for Engineers	Elective	ECE2011 Signal Processing	ENG2092 Advanced Engineering Maths B	BCSE Elective	BCSE Elective	ECE4099 Professional Practice	ECE4075 Real-time Embedded Systems <i>or</i> ECE4074 Adv. Comp. Architecture
ENG1060 Computing for Engineers	ENG1030 Electrical Systems	ECE2041 Tele-communications	Approved Elective	Approved Elective	BCSE Elective	BCSE Elective	Approved Elective

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BACHELOR OF ENGINEERING IN ECSE/BACHELOR OF ARTS

1A	1B	2A	2B	3A	3B	4A	4B	5A	5B	
ENG1030 Electrical Systems	ENG1060 Computing for Engineers	ECE2071 Computer Organisation & Programming	ECE2072 Digital Systems	ECE2061 Analogue Electronics	ECE2021 Electro- magnetism	ECE3092 Systems Engineering & Reliability Analysis	ECE3091 Engineering Design	ECE4094 & ECE4095 Major Design Project		
ENG1090 Foundation Mathematics (if no VCE Spec. Maths) or ENG1091 Mathematics for Engineers	ENG1091 Mathematics for Engineers or Other first year Engineering Unit	ECE2011 Signal Processing	ENG2092 Adv. Engineering Maths B	ECE2041 Tele- communications	ECE2031 Circuits & Control	ECE3073 Computer Systems	ECE 3062 Electronic Systems & Control	ECE3022 Wireless and Guided EM	ECE3051 Electrical Energy Systems	
Other First year Engineering Unit	Other First year Engineering Unit	Arts Units		Arts Units		ECE3093 Optimisation Estimation & Numerical Methods	ECSE Elective	ECE4099 Professional Practice	ECSE Elective	Arts Units
Arts Unit	Arts Unit					Arts Unit	Arts Unit	Arts Unit	Arts Unit	

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BACHELOR OF COMMERCE/BACHELOR OF ENGINEERING IN ECSE

1A	1B	2A	2B	3A	3B	4A	4B	5A	5B	
ENG1030 Electrical Systems	ENG1040 Engineering Dynamics	ECE2071 Computer Organisation and Program	ECE2072 Digital Systems	ECE2061 Analogue Electronics	ECE2021 Electro- magnetism	ECE3092 Systems Eng & Reliability Analysis	ECE3091 Engineering Design	ECE4094 and ECE4095 Major Design Project		
ENG1090 Foundation Mathematics (if no VCE Spec. Maths) or ENG1091 Mathematics for Engineers	ENG1060 Computing for Engineers	ECE2011 Signal Processing	ENG2092 Adv. Engineering Maths B	ECE2041 Tele- communications	ECE2031 Computer Systems	ECE3073 Computer Systems	ECE3062 Electronic Systems & Control	ECE3022 Wireless & Guided EM	ECE3051 Electrical Energy Systems	Commerce Units
Other first year Engineering Unit	ENG1091 Mathematics for Engineers or Other first year Engineering Unit	Commerce Units		Commerce Units		ECE3093 Optimisation Estimation & Numerical Methods	ECSE Elective	ECSE Elective	ECSE Elective	
Commerce Unit	Commerce Unit					Commerce Unit	Commerce Unit	Commerce Unit	Commerce Unit	

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BACHELOR OF ENGINEERING IN ECSE/BACHELOR OF LAW

1A	1B	2A	2B	3A	3B	4A	4B	5, 6...
ENG1030 Electrical Systems	ENG1060 Computing for Engineers	ECE2071 Computer Organisation & Programming	ECE2072 Digital Systems	ECE3092 Systems Engineering & Reliability	ECE3091 Engineering Design	ECE4094 & ECE4095 Major design Project		Law Units
ENG1090 Foundation Mathematics (if no VCE Spec. Maths) or ENG1091 Mathematics for Engineers	ENG1091 Mathematics for Engineers or Other first year Engineering Unit	ECE2011 Signal Processing	ECE2021 Electro- magnetism	ECE3073 Computer Systems	ECE3062 Electronic Systems & Control	ECSE Elective	ECE3051 Electrical Energy Systems	
Other First Year Engineering Unit	Other First Year Engineering Unit	ECE2061 Analogue Electronics	ECE2031 Circuits & Control	ECE3093 Optimisation Estimation & Numerical Methods	ECSE Elective	Law Unit	ECSE Elective	
Law Unit	Law Unit	ECE2041 Tele- communications	ENG2092 Advanced Engineering Maths B	ECE3022 Wireless & Guided EM	Law Units	Law Units	Law Unit	
		Law Units	Law Units					

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BACHELOR OF SCIENCE/BACHELOR OF ENGINEERING (Generic) in ECSE

1A	1B	2A	2B	3A	3B	4A	4B	5A	5B
ENG1030 Electrical Systems	ENG1060 Computer for Engineers	ECE2071 Computer Organisation & Programming or ECE2061 (if FITXXXX at Level 1)	ECE2072 Digital Systems	ECE2061 Analogue Electronics or ECE3073 (if FITXXXX at Level 1)	ECE3062 Electronic Systems & Control	ECE3092 Systems Eng & Reliability Analysis	ECE3091 Engineering Design	ECE4094 & ECE4095 Major Design Project	
Science Unit	Science Unit	ECE2011 Signal Processing	ECE2031 Circuits & Control	ECE2041 Tele- communication	ENG2092 Advanced Engineering Mathematics B	ECE3073 Computer Systems or ECSE Elective (if FITXXXX at level 1)	ECE3051 Electrical Energy Systems	ECE3022 Wireless & Guided EM	ECSE Elective
Science Unit	Science Unit	Science Unit	Science Unit	Science Units		Science Units		ECE4099 Professional Practice	ECSE Elective
Science Unit	Science Unit	Science Unit	Science Unit					ECE3093 Optimisation Estimation & Numerical Methods	ECSE Elective

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BACHELOR OF SCIENCE/BACHELOR OF ENGINEERING (Biomed) in ECSE

1A	1B	2A	2B	3A	3B	4A	4B	5A	5B
ENG1030 Electrical Systems	ENG1060 Computing for Engineers	ECE2071 Computer Organisation & Prog. (or ECE2061 if FITXXXX in Level 1)	ECE2072 Digital Systems	ECE2061 Analogue Electronics (or ECE3073 if FITXXXX in Level 1)	ECE2021 Electro- Magnetism	ECE3092 Systems Eng. & Reliability Analysis	ECE3091 Engineering Design	ECE4094 & ECE4095 Major Design Project	
Science Unit	Science Unit	ECE2011 Signal Processing	ENG2092 Adv Eng. Maths B	ECE2041 Telecomm- unications	ECE2031 Circuits & Control	ECE3073 Computer Systems (or elective if FITXXXX in Level 1) or ECE3022 Wireless & Guided EM	ECE3051 Electrical Energy Systems or ECE3062 Electronic Systems	ECE3022 Wireless & Guided EM or ECE3073 Computer Systems (or Elective if FITXXXX at level 1)	ECE3051 Electrical Energy Systems or ECE3062 Electronic Systems
Science Unit	Science Unit	Science Unit	Science Unit	Science Units		ECE3093 Optimisation Estimation & Numerical Methods	ECSE Elective	ECE4099 Professional Practice	ECSE Elective
Science Unit	Science Unit	Science Unit	Science Unit			Biomed Eng Unit 1	Biomed Eng Unit 2	Biomed Eng Unit 3	Biomed Eng Unit 4

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BACHELOR OF SCIENCE/BACHELOR OF ENGINEERING (CompSci) IN ECSE

1A	1B	2A	2B	3A	3B	4A	4B	5A	5B
ENG1060 Computing for Engineers	ENG1030 Electrical Systems	ECE2061 Analogue Electronics	ECE2072 Digital Systems	ECE3073 Computer Systems	ECE2021 Electro- magnetism	ECE3092 System Eng & Reliability Analysis	ECE3091 Engineering Design	ECE4094 & ECE4095 Major Design & Project	
Science Unit	Science Unit	ECE2011 Signal Processing	ENG2092 Adv Engineering Maths B	ECE2041 Tele- communications	ECE2031 Circuits & Control	ECE3093 Optimisation Estimation & Numerical Methods	ECE3062 Electronic Systems & Control	ECE3022 Wireless & Guided EM	ECE3051 Electrical Energy Systems
Science Unit	Science Unit	Science Unit	Science Unit	Science Units		Science Units		ECE4099 Professional Practice	ECSE Elective
Science Unit	Science Unit	Science Unit	Science Unit					ECSE Elective	ECSE Elective

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BACHELOR OF BIOMEDICAL SCIENCE/BACHELOR OF ENGINEERING IN ECSE

1A	1B	2A	2B	3A	3B	4A	4B	5A	5B
ENG1060 Computing for Engineers	ENG1030 Electrical Systems	ECE2071 Computer organisation and programming	ECE2072 Digital Systems	ECE2061 Analogue Electronics	ECE3062 Electronic Systems & Control or ECE3051 Energy Systems	ECE3092 Systems Eng & Reliability Analysis	ECE3091 Engineering Design	ECE4094 & ECE4095 Major Design Project	
ENG1090 Foundation Maths or ENG1080 Foundation Physics or ENG1091 Maths for Engineers	ENG1091 Maths for Engineers or ENG2092 Adv Eng Maths B	ECE2011 Signal Processing	ECE2021 Electro- Magnetism	ECE2041 Tele- communications	Biomedical Science Units	ECE3073 Computer Systems or ECE3022 Wireless & Guided EM	ECE3051 Electrical Energy Systems or ECE3062 Electronic Systems & Control	ECE3022 Wireless & Guided EM or ECE3073 Computer Systems	Biomedical Eng Unit
Biomedical Science Unit	Biomedical Science Unit	Biomedical Science Unit	ECE3093 Optimisation Estimation & Numerical Methods	Biomedical Science Unit	Biomedical Science Unit	Biomedical Science Unit	Biomedical Eng Unit	ECE4099 Professional Practice	Biomedical Science Unit
Biomedical Science Unit	Biomedical Science Unit	Biomedical Science Unit	ECE2031 Circuits & Control	Biomedical Science Unit	Biomedical Science Unit	Biomedical Science Unit	Biomedical Science Unit	Biomedical Science Unit	Biomedical Science Unit

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