

COURSE PLANNER

Bachelor of Engineering (Electrical and Electronic) (Honours) / Bachelor of Computer Science

BB-EEECS1

Intake: Aug/Sept 2024

Recommended Sequence

Units are listed on your Course Planner in a recommended sequence. However, this can be amended depending on unit availability, unit progression, timetabling and the semester in which you commenced your course.

Year One

Semester:	1 Aug/Sept 2024		
Unit Code	Unit Name	Pre-requisites	
ENG10001	Humanitarian Engineering Design Project	Nil	
COS10009	Introduction to Programming	Nil	
MTH10012	Calculus and Applications	Nil	
PHY10001	Energy and Motion	Nil	
MPU3273	Integrity and Anti-Corruption	Nil	
	(Malaysian and International Students)	INII	
Semester 2	2 Feb/Mar 2025		
COS10025	Technology in an Indigenous Context Project	Nil	
MTH10013	Linear Algebra and Applications	Nil Nil	
ENG10002	Engineering Materials		
ENG10003	Engineering Mechanics	Nil	
MPU3193	Philosophy and Current Issues	Nil	
1011 03133	(Malaysian and International Students)	IVII	
Winter Ter	Winter Term June/July 2025		
	Bahasa Kebangsaan A		
MPU3212	(Malaysian students who do not have SPM Bahasa Melayu	Nil	
	credit)		

Year Two

Semester 3	Aug/Sept 2025			
Unit Code	Unit Name	Pre-requisites		
COS10004	Computer Systems	COS10009		
ENG20010 MTH20017	Engineering Technology Design Project Mathematical Methods and Statistics for Engineering	Nil MTH10012 & MTH10013		
14111120017	Computer Science Major Unit			
MPU3183	Penghayatan Etika dan Peradaban (Malaysian Students Only)	Nil		
MPU3143	Malay Language Communication 2 (International Students Only)	Nil		
Semester 4	Feb/Mar 2026			
ENG20009	Engineering Technology Inquiry Project	Nil		
EEE20006	Circuits & Electronics 1	MTH10013 & COS10025		
TNE20003	Internet and Cybersecurity for Engineering Applications	Nil		
COS40007	Artificial Intelligence for Engineering	100 CPs & COS10009		

Year Three

Semester 5	5 Aug/Sept 2026	
Unit Code	Unit Name	Pre-requisites
ENG40011	Engineering Technology Innovation Project [®]	Nil
EEE20005	Electrical Machines	MTH10012 & EEE20006
EEE20013	Power Protection [®]	EEE20006
EEE40016	Design of Smart Power Grids [®]	200 CPs
EAT20008	Professional Experience in Engineering [#]	Introductory Seminar
Semester 6	5 Feb/Mar 2027	
ENG30002	Engineering Technology Sustainability Project [®]	Nil
EEE30002	Electrical Power Systems [®]	EEE20005
RME30002	Control and Automation [®]	PHY10004/EEE20006 &
		MTH20014/MTH20017
	Computer Science Major Unit	

Year Four

	7 3.1	
Semester 7	Aug/Sept 2027	
Unit Code	Unit Name	Pre-requisites
COS20007	Object Oriented Programming	COS10009/SWE20004
EEE40005	Power Electronics [®]	EEE20005
EEE40007	Power System Operation and Control®	EEE30002
TNE30024	Deploying Secure Engineering Applications Online	TNE20003
Semester 8	Feb/Mar 2028	
COS10026	Computing Technology Inquiry Project	Nil
TNE10006	Networks and Switching	Nil
EEE40015	Renewable Energy [®]	EEE30002
EEE30006	Hydrogen and Energy Storage [®]	EEE30002 &
		EEE20013/EEE20004

Year Five

Teal Five		
Semester 9	Aug/Sept 2028	
Unit Code	Unit Name	Pre-requisites
EAT40005	Engineering Technology Project A (ENG/CS) [®]	250 CPs
	Computer Science Major Unit	
	Computer Science Major Unit	
	Computer Science Major Unit	
Semester 10) Feb/Mar 2029	
EAT40006	Engineering Technology Project B (ENG/CS) [®]	EAT40005
	Computer Science Major Unit	
	Computer Science Major Unit	
	Computer Science Major Unit	

Notes

- # EAT20008 Professional Experience in Engineering is compulsory for all engineering students and must be taken before the last semester of study as part of EAC's requirement. Introductory Seminar will be conducted in week 4 of normal semester.
- @ Honours merit units

How to use your Course Planner

Refer to the below table to help explain what units are required each semester throughout your course. The units in your planner are colour coded to assist you with mapping out your studies.

Course Information

To qualify for the award of this course, students must complete 33 units (400 credit points) comprising of:

14 Core Units

175 credit points

A set of compulsory units you MUST complete as part of your Course.

18 Electrical and Electronic Major Units

225 credit points

A set of compulsory units you MUST complete as part of your Course.

8 Computer Science Major Units 100 credit points

100 credit points
A combination of elective units

1 Industry Placement Unit

0 credit point

A compulsory, not-for-credit unit

General Studies/Mata Pelajaran Umum 0 credit points

- * Compulsory units to complete as a prerequisite to graduate (see statement below)
- * Advisable to enrol in Year One
- * Email ltu@swinburne.edu.my for queries

All commencing students of Master, Degree, Diploma and Foundation courses will be automatically registered for the Academic Integrity **Training Module** in the first semester (Note: Students articulating from Foundation Studies are expected to undertake this unit as a refresher). There are 4 topics in this online module that are recommended for completion during Week 1-4 of your commencing study period. At the end of this module, students are required to complete a quiz comprised of 10 questions and achieve a score of at least 90%.

Ministry of Education requires that all NEW Cohorts pursuing Degree course (International and Malaysian) students must take the MPU units as a prerequisite for the award of their degree.

- Malaysian students: Must take and pass the units as a prerequisite for the award of their degree.
- International students: Must take and pass the units as a prerequisite for the award of their degree



COURSE PLANNER

Bachelor of Computer Science Major units

Notificate White Name	Software D	ovelenment Major		
COS20019 Cloud Computing Architecture COS10009/COS10005/COS10026 Semester 1 only COS20031 Computing Technology Design Project COS10009/COS10005/COS10026 Semester 1 & 2 SWES0003 Software Architecture and Design COS20007 & 150 CPs Semester 2 only COS20007 Interface Design and Development COS20007 COS20007/SWE20004 Semester 2 only COS20007 Semester 2 only COS20007 COS20007/SWE20004 Semester 2 only COS20007/SWE20004 Semester 3 (and 1) Semester 4 (and 1)				
COS20031 Computing Technology Design Project COS10009/COS10005/COS10026 Semester 1 & 2 ct COS30049 Data Structures and Patterns COS20007 & 150 CPs Semester 1 & 2 ct COS20003 Data Structures and Patterns COS20007 & 150 CPs Semester 1 conly COS30004 Data Structures and Patterns COS20007/SWE20004 Semester 1 conly COS40003 Concurrent Programming COS30008/COS20007/SWE20004 Semester 2 only SWE3009 Software Testing and Reliability COS20007/SWE20004 Semester 2 only Artificial Intelligence Major William Code Pre-requisites COS20019 Cloud Computing Technology Design Project COS20007/SWE20004 Semester 1 only COS20019 Cloud Computing Technology Design Project COS10009/COS10005/COS10026 Semester 1 & 2 ct COS20019 Cloud Computing Technology Innovation Project Nil Semester 1 & 2 ct COS20007 Roward Architecture and Design COS20007/SWE20004 Semester 1 & 2 ct COS30019 Intelligent Systems COS20007/SWE20004 Semester 1 & 2 ct COS30002 Artificial Intelligence for Games COS20007/SWE20004 Semester 1 only COS20007 Applied Machine Learning COS20007/SWE20004 Semester 1 only				
COS300049 Computing Technology Innovation Project NNESONOS Software Architecture and Design COS30007 & 150 CPs				
SWE30003 Software Architecture and Design COS20007 & 150 CPs Semester 1 only COS30004 Interface Design and Development COS20007 & 150 CPs Semester 2 only COS30003 Interface Design and Development COS20007/SWE20004 Semester 2 only SWE3009 Software Testing and Reliability COS20007/SWE20004 Semester 2 only SWE3009 Software Testing and Reliability COS20007/SWE20004 Semester 2 only SWE3009 Software Testing and Reliability COS20007/SWE20004 Semester 2 only SWE3009 Software Architecture SOFTWARE				
COS30008 Data Structures and Patterns COS20007 Semester 2 only COS30043 Interface Design and Development COS10011/COS10026/ENIG20009 & Semester 1 only COS40003 Concurrent Programming COS20007/SWE20004 Semester 2 only SWE30009 Software Testing and Reliability COS20007/SWE20004 Semester 2 only Artificial Intelligence Major Unit Code Unit Name Pre-requisites COS20019 Cloud Computing Architecture 50 CPs Semester 1 only COS20031 Computing Technology Design Project COS10009/COS10005/COS10026 Semester 1 only COS20019 Intelligent Systems COS20007/SWE20004 Semester 1 only COS30019 Introduction to Artificial Intelligence COS20007/SWE20004 Semester 1 only COS20002 Applied Machine Learning COS20007/SWE20004 Semester 1 only COS20003 Semester 1 Artificial Intelligence for Games COS20007/SWE20004 Semester 2 only COS20017 Swe2000 Advanced Web Development COS20007/SWE20004 Semester 1 only COS20017 Colloud Computing Architecture SO CPs Semester 1 only COS20017 Colloud Computing Technology Design Project COS20007 Swe20004 Semester 1 only </td <td></td> <td></td> <td></td> <td></td>				
COS30043 Interface Design and Development				,
COS20007/SWE20004 Semester 2 only SWE30009 Software Testing and Reliability COS20007/SWE20004 Semester 2 only SWE30009 Software Testing and Reliability COS20007/SWE20004 Semester 2 only SWE30009 Software Testing and Reliability COS20007/SWE20004 Semester 2 only SWE30009 CoS20007 CoS20007/SWE20004 Semester 1 only COS20031 Computing Technology poesign Project COS20031 Computing Technology Innovation Project Software Architecture and Design COS20031 COS20031 Computing Technology Innovation Project Software Architecture and Design COS20007 & 150 CPs Semester 1 & 2 COS30049 COS20031 Intelligent Systems COS20007 & 150 CPs Semester 1 & 2 COS30032 Applied Machine Learning COS20007/SWE20004 Semester 1 & 2 COS30002 Applied Machine Learning COS20007/SWE20004 Semester 1 & 2 COS30002 Applied Machine Learning COS20007/SWE20004 Semester 2 only COS30002 Artificial Intelligence for Games COS20007/SWE20004 Semester 2 only COS30002 Artificial Intelligence for Games COS20007/SWE20004 Semester 1 & 2 COS20007/SWE20004 Semester 1 & 2 COS20007/SWE20004 Semester 2 only COS20007 COS20007 COS20007/SWE20004 Semester 2 only COS20007 COS20007/SWE20004 Semester 3 COS20007/SWE20004 Computing Technology Design Project COS20007 & 150 CPs Semester 1 only COS20031 COS20007 COS2000				•
Note	COS30043		COS20007/SWE20004	Semester 1 only
Unit Code				Semester 2 only
Unit Code	SWE30009	Software Testing and Reliability	COS20007/SWE20004	Semester 2 only
COS200191 Cloud Computing Architecture 50 CPs Semester 1 noly COS20031 Computing Technology Design Project COS10009/COS10005/COS10026 Semester 1 & 2 SWE30003 Software Architecture and Design COS20007 & 150 CPs Semester 1 noly COS30018 Intelligent Systems COS20007/SWE20004 Semester 1 only COS30082 Applied Machine Learning COS300080 Semester 1 only COS300082 Applied Machine Learning COS300019 Semester 2 only COS300082 Applied Machine Learning COS300019 Semester 1 only COS300012 Artificial Intelligence for Games COS20007/SWE20004 Semester 1 ke 2 COS300012 Artificial Intelligence for Games COS20007 COS30009 Internet of Things Major Unit Code Unit Name Per-requisites COS20019 Cloud Computing Architecture So CPs Semester 1 only COS20019 Cloud Computing Technology Design Project COS20007 & 150 CPs Semester 1 only COS30017 Software Architecture and Design COS20007 & COS100011/COS10026<	Artificial In	telligence Major		
COS20031 Computing Technology Design Project COS10009/COS10005/COS10026 Semester 1 & 2 computing Technology Innovation Project Nil Software Architecture and Design COS20007 & 150 CPs Semester 1 only COS30018 Intelligent Systems COS20007/SWE20004 Semester 1 & 2 computing Technology Innovation Project Nil Software Architecture and Design COS20007/COS30008 Semester 1 only Semester 1 only COS20007/COS30008 COS30002 Applied Machine Learning COS300002 Artificial Intelligence for Games COS20007/COS30008 COS20007/COS30009 Semester 2 only COS20007/COS30009 COS20007 Artificial Intelligence for Games COS20007 Artificial Intelligence for Games COS20009 COS20007 COS20004 Semester 2 only COS20007/COS30009 COS20019 Cloud Computing Architecture COS20031 Computing Technology Innovation Project COS20031 Computing Technology Innovation Project COS200301 Computing Architecture and Design COS20007 COS20	Unit Code	Unit Name	Pre-requisites	
COS30049 Computing Technology Innovation Project Nil Semester 1 only COS30013 Software Architecture and Design COS20007 & 150 CPs Semester 1 only COS30019 Intelligent Systems COS20007/COS30008 Semester 1 only COS30019 Introduction to Artificial Intelligence COS20007/COS30008 Semester 1 & 2 COS30002 Applied Machine Learning COS30002 Artificial Intelligence for Games COS20007/COS30009 Semester 2 only Artificial Intelligence for Games COS20007/SWE20004 Internet of Things Major Unit Code Unit Name Pre-requisites COS20019 Cloud Computing Architecture 50 CPs Semester 1 only COS20011 Computing Technology Design Project COS300049 Computing Technology Innovation Project Nil Semester 2 only COS30012 Computing Technology Innovation Project Nil Semester 2 only COS30017 Software Architecture and Design COS30009 Advanced Web Development COS20007 AcOS10011/COS10026 Semester 1 only Network Administration Nil Semester 2 only Network Administration Nil Semester Conly Nil Semester 1 only Network Administration Nil Semester 1 Only Nil Semester 1 only Data Science Principles Nil Cos30049 Computing Technology Innovation Project COS30049 Computing Technology Innovation Project Nil Semester 1 Only Data Science Principles Nil Semester 1 Only Nil Semester 1 Only Nil Semester 2 only Data Science Principles Nil Semester 2 Only COS30045 Data Visualisation COS30045 Data Visualisation COS30045 Data Visualisation Software Architecture and Application COS30045 Data Visualisation Software Deployment and Evolution COS30045	COS20019	Cloud Computing Architecture	50 CPs	Semester 1 only
COS30049 Computing Technology Innovation Project Nil Semester 1 only COS30013 Software Architecture and Design COS20007 & 150 CPs Semester 1 only COS30019 Intelligent Systems COS20007/COS30008 Semester 1 only COS30019 Introduction to Artificial Intelligence COS20007/COS30008 Semester 1 & 2 COS30002 Applied Machine Learning COS30002 Artificial Intelligence for Games COS20007/COS30009 Semester 2 only Artificial Intelligence for Games COS20007/SWE20004 Internet of Things Major Unit Code Unit Name Pre-requisites COS20019 Cloud Computing Architecture 50 CPs Semester 1 only COS20011 Computing Technology Design Project COS300049 Computing Technology Innovation Project Nil Semester 2 only COS30012 Computing Technology Innovation Project Nil Semester 2 only COS30017 Software Architecture and Design COS30009 Advanced Web Development COS20007 AcOS10011/COS10026 Semester 1 only Network Administration Nil Semester 2 only Network Administration Nil Semester Conly Nil Semester 1 only Network Administration Nil Semester 1 Only Nil Semester 1 only Data Science Principles Nil Cos30049 Computing Technology Innovation Project COS30049 Computing Technology Innovation Project Nil Semester 1 Only Data Science Principles Nil Semester 1 Only Nil Semester 1 Only Nil Semester 2 only Data Science Principles Nil Semester 2 Only COS30045 Data Visualisation COS30045 Data Visualisation COS30045 Data Visualisation Software Architecture and Application COS30045 Data Visualisation Software Deployment and Evolution COS30045	COS20031		COS10009/COS10005/COS10026	-
SWE30003 Software Architecture and Design COS20007 & 150 CPs Semester 1 only	COS30049		Nil	Semester 1 & 2
COS30018 Intelligent Systems COS20007/SWE20004 Semester 1 only COS30019 Introduction to Artificial Intelligence (COS30008) COS20007/COS30008 Semester 1 & 2 COS30002 Applied Machine Learning COS30018/COS30019 Semester 2 only COS30007/SWE20004 Internet of Things Major Unit Code Unit Name Pre-requisites COS20019 Cloud Computing Architecture 50 CPs Semester 1 only COS20031 Computing Technology Design Project COS10009/COS10005/COS10026 Semester 1 & 2 COS30049 Computing Technology Innovation Project Nil Semester 1 only COS30010 Advanced Web Development COS10009 & COS100026/COS10011 Semester 1 only COS30017 Software Development for Mobile Devices COS20007 & COS10011/COS10026 Semester 1 only SWE30011 In 16 Programming COS20007 & COS10011/COS10026 Semester 1 only NETEONDS Network Administration Nil Semester 1 only Data Science Wait Name COS20007 & COS100011/COS10026 Semester 1 only COS20031 Computing Technology Design Project COS10009/COS10005/COS10026 Semest	SWE30003		COS20007 & 150 CPs	Semester 1 only
COS300191 Introduction to Artificial Intelligence COS20007/COS30008 Semester 1 & 2 COS30002 COS30002 Applied Machine Learning COS30018/COS30019 Semester 2 only COS30002 Artificial Intelligence for Games COS20007/SWE20004 Internet of Things Major Unit Code Unit Name Pre-requisites COS20019 Cloud Computing Architecture COS10009/COS10005/COS10026 Semester 1 & 2 COS30049 COS30014 Computing Technology Design Project Nil Semester 1 & 2 COS30049 COS30003 Software Architecture and Design COS20007 & 150 CPs Semester 1 only COS30017 Software Development for Mobile Devices COS20007 Semester 2 only SWE30011 IoT Programming COS20007 Semester 1 only VEXEDIOL IN Rame Pre-requisites COS20007 & COS10001/COS10026 Semester 1 only Data Science Major Unit Code Unit Name Pre-requisites COS20007 & COS10009/COS100026 Semester 1 only COS20019 Cloud Computing Architecture COS10009/COS10005/COS10026 Semester 1 only COS20019 Cloud Computing Technology Design Project <td>COS30018</td> <td></td> <td>COS20007/SWE20004</td> <td>•</td>	COS30018		COS20007/SWE20004	•
COS30082 Applied Machine Learning COS30001 Artificial Intelligence for Games COS300018/COS30019 Semester 2 only Internet of Things Major Unit Code Conputing Technology Design Project COS10009/COS10005/COS10026 Semester 1 only COS30012 Computing Technology Innovation Project Nil Semester 1 only Semester 2 only COS30017 Software Architecture and Design COS20007 & COS10011/COS10026 Semester 2 only Semester 2 only Data Science Major Nil Semester 1 only Network Administration Nil Semester 1 only COS20019 Cloud Computing Architecture 50 CPs Semester 1 only COS20031 Computing Technology Project COS10009/COS10005/COS10026 Semester	COS30019			,
COS30002	COS30082			Semester 2 only
Unit CodeUnit NamePre-requisitesCOS20019Cloud Computing Architecture50 CPsSemester 1 onlyCOS20031Computing Technology Design ProjectCOS10009/COS10005/COS10026Semester 1 & 2COS30049Computing Technology Innovation ProjectNilSemester 1 & 2SWE30003Software Architecture and DesignCOS20007 & 150 CPsSemester 1 onlyCOS300102Advanced Web Development for Mobile DevicesCOS20007Semester 2 onlySWE30011IoT ProgrammingCOS20007 & COS10011/COS10026Semester 2 onlySWE30011IoT ProgrammingCOS20007 & COS10011/COS10026Semester 1 onlyTNE10005Network AdministrationNilSemester 3Network AdministrationPre-requisitesUnit CodeUnit NamePre-requisitesCOS20019Cloud Computing Architecture50 CPsSemester 1 onlyCOS20012Computing Technology Design ProjectCOS10009/COS10005/COS10026Semester 1 & 2COS30049Computing Technology Innovation ProjectNilSemester 1 & 2SWE30003Software Architecture and DesignCOS20007 & 150 CPsSemester 1 onlyCOS20028Big Data Architecture and ApplicationCOS10009Semester 2 onlyCOS20028Big Data Architecture and ApplicationCOS10009Semester 2 onlyCOS20036Data VisualisationCOS10009Semester 3SWE40006Software Deployment and EvolutionSWE20001/INF30029/SWE30010/SWE30003/ COS20031/ICT200	COS30002			,
COS20019 Cloud Computing Architecture 50 CPs Computing Technology Design Project COS10009/COS10005/COS10026 Semester 1 only COS20031 Computing Technology Innovation Project Nil Semester 1 & 2 COS30049 Computing Technology Innovation Project Nil Semester 1 & 2 SWE3003 Software Architecture and Design COS20007 & 150 CPs Semester 1 only COS30020 Advanced Web Development COS10009 & COS10026/COS10011 Semester 2 only COS30017 Software Development for Mobile Devices COS20007 Semester 2 only SWE30011 IoT Programming COS20007 & COS20007 Semester 1 only TNE10005 Network Administration Nil Semester 2 only Semester 1 only TNE10005 Network Administration Nil Semester 1 only COS20019 Cloud Computing Architecture 50 CPs Semester 1 only COS20031 Computing Technology Design Project COS10009/COS10005/COS10026 Semester 1 & 2 COS30049 Computing Technology Innovation Project Nil Semester 1 & 2 SWE3003 Software Architecture and Design COS20007 & COS20007 Semester 1 & 2 COS20028 Big Data Architecture and Application COS10022 Data Science Principles Nil Semester 1 & 2 COS20028 Big Data Architecture and Application COS10029 COS1009 Semester 2 only Software Deployment and Evolution SWE20001/INF30029/SWE300010/SWE30003/ Semester 2 only COS20019 Cloud Computing Architecture SWE20001/INF30029/SWE30010/SWE30003/ Semester 2 only COS20019 Cloud Computing Architecture SWE20001/INF30029/SWE30010/SWE30003/ Semester 2 only COS20011 Computing Architecture SWE20001/INF30029/SWE30010/SWE30003/ Semester 2 only COS20011 Computing Technology Design Project COS10009/COS10005/COS10026 Semester 1 & 2 COS30049 Computing Technology Design Project COS10009/COS10005/COS10026 Semester 1 & 2 COS30049 Computing Technology Design Project COS10009/COS10005/COS10026 Semester 1 only COS20031 Info009/SWE20004 & COS10011/COS10026 Semester 1 only COS20031 Info009/SWE20004 & COS10011/COS10026 Semester 2 only COS20031 Info009/SWE20004 & COS10011/COS10026 Semester 2 only COS20031 Info009/SWE20004 & COS10011/COS10026 Semester 2 only COS20031 Info009/SWE20004 & COS10011/COS	Internet of	Things Major		
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COS20031 Computing Technology Design Project COS30049 Computing Technology Innovation Project Nil Semester 1 & 2 SWE3003 Software Architecture and Design COS20007 & 150 CPs Semester 1 & 2 Semester 1 only COS30020 Advanced Web Development COS10009 & COS10026/COS10011 Semester 2 only SWE30017 Software Development for Mobile Devices SWE30018 IoT Programming Network Administration Nil Semester 2 only SWE30019 Network Administration Nil Semester 1 only Data Science Major Unit Code Unit Name COS20019 Cloud Computing Architecture COS20031 Computing Technology Innovation Project SWE3003 Software Architecture and Design COS20020 Big Data Architecture and Application COS30045 Data Visualisation Software Deployment and Evolution SwE30019 Computing Architecture and Software Design COS30045 Data Visualisation Software Deployment and Evolution Software Deployment and Evolution COS20031 Computing Technology Design Project COS10009/COS10025/ENG20017 Semester 1 & 2 Semester 1 only Semester 2 only Software Deployment and Evolution COS10022 Data Science Principles Nil Semester 1 only COS30045 Data Visualisation Software Deployment and Evolution Software Deployment and Evolution COS20031 Computing Technology Design Project COS30045 Software Deployment and Evolution COS20031 COS30045 Software Deployment and Evolution COS30045 Software Deployment Software Deployment Software Deployment Software Deployment Software Deployment Software Deployment Software		Cloud Computing Architecture		Semester 1 only
COS30049 Computing Technology Innovation Project SWE30003 Software Architecture and Design COS20007 & 150 CPs Semester 1 only COS30020 Advanced Web Development COS20007 & COS10026/COS10011 Semester 2 only SWE30011 IoT Programming COS20007 Semester 2 only COS30017 Software Development for Mobile Devices COS20007 Semester 2 only SWE30011 IoT Programming COS20007 Semester 1 only TNE10005 Network Administration Nil Semester 1 only TNE10005 Network Administration Nil Semester 2 only Semester 1 only TNE10005 Network Administration Nil Semester 1 only TNE10005 Network Administration Semester 1 only Semester 1 only TNE10005 Network Administration Nil Semester 1 only Semester 1 only TNE10005 Network Administration Nil Semester 1 only Semester 1 only COS20019 Cloud Computing Architecture COS10009/COS10005/COS10026 Semester 1 only COS20019 Cloud Computing Technology Design Project COS10009/COS10005/COS10026 Semester 1 & 2 COS30049 Computing Technology Innovation Project Nil Semester 1 only Semester 1 only COS10022 Data Science Principles Nil Semester 1 & 2 COS20028 Big Data Architecture and Application COS10022 & COS20007 Semester 2 only COS30045 Data Visualisation COS10009 Semester 2 only SWE40006 Software Deployment and Evolution SWE20001/INF30029/SWE30010/SWE30003/ Semester 2 only COS20031 Computing Architecture COS20031 COS20031 Computing Architecture COS20031 COS20031 Computing Technology Design Project COS10009/COS10005/COS10026 Semester 1 only COS20031 Computing Technology Design Project COS10009/COS10005/COS10026 Semester 1 only COS20031 Computing Technology Design Project Nil Semester 2 Only COS20030 Malware Architecture and Design COS20007 & 150 CPs Semester 1 only Semester 2 Only COS20030 Malware Architecture and Design COS20007 & 150 CPs Semester 1 only Semester 2 Only COS20030 Malware Analysis TNE10005/TNE10006				
SWE30003 Software Architecture and Design COS20007 & 150 CPs Semester 1 only COS30020 Advanced Web Development COS10009 & COS10026/COS10011 Semester 2 only COS30017 Software Development for Mobile Devices COS20007 Semester 2 only SWE30011 IoT Programming COS20007 & COS10011/COS10026 Semester 1 only TNE10005 Network Administration Nil Semester 2 only SWE30011 IoT Programming COS20007 & COS10011/COS10026 Semester 1 only TNE10005 Network Administration Nil Semester 1 only Semester 2 only SWE30011 Cloud Computing Architecture SD CPs Semester 1 only COS20019 Cloud Computing Project COS10009/COS10005/COS10026 Semester 1 0.8 2 COS30049 Computing Technology Innovation Project Nil Semester 2 only COS10002 Data Science Principles Nil Semester 1 0.9 2 Semester 1 0.9 2 Semester 1 0.9 2 Semester 1 0.9 2 Semester 2 only COS30045 Data Visualisation COS10002 Data Visualisation COS10009 Semester 2 only COS20031 Computing Architecture and Evolution SWE20001/INF30029/SWE30010/SWE30003/ Semester 2 only COS20019 Cloud Computing Architecture SD CPs Semester 2 only COS20019 Cloud Computing Architecture SD CPs Semester 3 Only COS20019 Computing Technology Design Project COS10009 Semester 2 Only COS20031 Computing Technology Design Project COS10009 Semester 2 Only COS20031 Computing Technology Design Project COS10009 Semester 2 Only COS20031 Computing Technology Innovation Project Nil Semester 3 Semester 1 0.9 2 Semester 3 COS200304 Computing Technology Innovation Project Nil Semester 3 Semester 1 0.9 2 Semester 1 0.9 2 Semester 1 0.9 2 Semester 2 Only COS20031 Malware Analysis TNE10005/TNE10006 Semester 2 Only COS20031 IT Security Semester 2 Only COS20031 IT Security Semester 2 Only COS30015 IT Security Semester 2 Only COS10009/SWE20004 & COS10011/COS10026 Semester 2 Only COS30015 IT Security Semester 3 Only COS30005/TNE10006				
COS30020 Advanced Web Development COS10009 & COS10026/COS10011 Semester 2 only COS30017 Software Development for Mobile Devices COS20007 Semester 2 only SWE30011 IoT Programming COS20007 & COS10011/COS10026 Semester 1 only TNE10005 Network Administration Nil Semester 1 only COS2007 & COS10011/COS10026 Semester 1 only Data Science Major Unit Code				
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	TNE20002	Network Routing Principles	•	Semester 1 only

TNE10006/COS20012

Semester 2 only

TNE30009

Network Security and Resilience