IMPORTANT!

THIS PLANNER IS FOR STUDENTS TAKING
BACHELOR OF COMPUTER SCIENCE (SOFTWARE DEVELOPMENT) ONLY!

*See the other tabs in this file for the planners for other courses or majors
**Beware that some units are offered only once a year

Indicators

	Core units
	Major-specific units

FEBRUARY/MARCH INTAKE only

		Unit Code	Unit Name	Offered only in	Pre-Requisite	Co-Requisite
Feb/Mar			Year 1 Sem 1			
	1	COS10009	Introduction to Programming			
	2	COS10011	Creating Web Applications			COS10009
	3	COS10003	Computer and Logic Essentials			
	4	TNE10006	Networks and Switching			
		MPU3113/MPU3143				
Jun/Jul		MPU3212/MPU3173				
Aug/Sep			Year 1 Sem 2			
	5	COS20007	Object-oriented Programming		COS10001 / COS10009 / INF10016 / SWE20004	
	6	COS20001	User-Centred Design			
	7		Co-major/Minor or Elective 1			
	8		Co-major/Minor or Elective 2			
		MPU3123	Local students only			
Feb/Mar			Year 2 Sem 1			
	9	COS30017	Software Development for Mobile Devices		COS20007 / COS20011 / COS30014 / SWE20004	
	10	SWE20001	Development Project 1 - Tools and Practices		SWE20004 / COS10009	COS20007 / HIT3181
	11	COS20015	Fundamentals of Data Management	Feb/Mar	COS10009	
	12		Co-major/Minor or Elective 3			
Aug/Sep			Year 2 Sem 2			
	13	COS30008	Data Structure and Patterns	Aug/Sep	COS20007 / COS30016 / SWE20004 / COS20011	
	14	COS30041	Creating Secure and Scalable Software	Aug/Sep	(COS10011 / COS20001 / COS10005) & (COS20007 / SWE20004)	
	15	SWE30009	Software Testing and Reliability	Aug/Sep	COS20007 / COS20004 / COS20011	
	16		Co-major/Minor or Elective 4			
Feb/Mar			Year 3 Sem 1			
	17	SWE40001	Software Engineering Project A		COS20007 / COS30014 / SWE20004	SWE20003 / SWE30010 / INF30029 / MME40001
	18	ICT30005	Professional Issues in IT		COMPLETED 16 UNITS (200 CREDIT POINTS)	
	19	SWE30011	IoT Programming	Feb/Mar	(COS10011 / COS10005) & (COS20007 / SWE20004)	
	20		Co-major/Minor or Elective 5			
Aug/Sep			Year 3 Sem 2			
	21	SWE40002	Software Engineering Project B		SWE40001	
	22		Co-major/Minor or Elective 6			
	23		Co-major/Minor or Elective 7			
	24		Co-major/Minor or Elective 8			

IMPORTANT!

THIS PLANNER IS FOR STUDENTS TAKING
BACHELOR OF COMPUTER SCIENCE (CYBERSECURITY) ONLY!

*See the other tabs in this file for the planners for other courses or majors
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Indicators

(grey)	Core units
(yellow)	Major-specific units

FEBRUARY/MARCH INTAKE only

		Unit Code	Unit Name	Offered only in	Pre-Requisite	Co-Requisite
Feb/Mar			Year 1 Sem 1			
	1	COS10009	Introduction to Programming			
	2	COS10011	Creating Web Applications			COS10009
	3	COS10003	Computer and Logic Essentials			
	4	TNE10006	Networks and Switching			
		MPU3113/MPU3143				
Jun/Jul		MPU3212/MPU3173				
Aug/Sep			Year 1 Sem 2			
	5	SWE20004	Technical Software Development		COS10001 / COS10009 / RME10001 / ENG10004	
	6	COS30015	IT Security		(COS10009 / SWE20004) & (COS10011 / COS10005) & (TNE10005 / TNE10006)	
	7		Co-major/Minor or Elective 1			
	8		Co-major/Minor or Elective 2			
		MPU3123	Local students only			
Feb/Mar			Year 2 Sem 1			
	9	TNE20002	Network Routing Principles		TNE10006	
	10	ICT30010	eForensic Fundamentals	Feb/Mar	TNE10006	
	11	COS20015	Fundamentals of Data Management	Feb/Mar	COS10009	
	12		Co-major/Minor or Elective 3			
Aug/Sep			Year 2 Sem 2			
	13	INF30020	Information Systems Risk and Security	Aug/Sep	COMPLETED 8 UNITS (100 CREDIT POINTS) & (SWE20004 / COS20007 / INF10003)	
	14	SWE20001	Development Project 1 - Tools and Practices		SWE20004 / COS10009	COS20007 / HIT3181
	15		Co-major/Minor or Elective 4			
	16		Co-major/Minor or Elective 5			
Feb/Mar			Year 3 Sem 1			
	17	SWE40001	Software Engineering Project A		COS20007 / COS30014 / SWE20004	SWE20003 / SWE30010 / INF30029 / MME40001
	18	TNE30012	Secure Remote Access Networks	Feb/Mar	TNE20002 / TNE20001	
	19	TNE30009	Network Security & Resilience	Feb/Mar	TNE10006 / COS20012	
	20		Co-major/Minor or Elective 6			
Aug/Sep			Year 3 Sem 2			
	21	SWE40002	Software Engineering Project B		SWE40001	
	22	ICT30005	Professional Issues in IT		COMPLETED 16 UNITS (200 CREDIT POINTS)	
	23		Co-major/Minor or Elective 7			
	24		Co-major/Minor or Elective 8			

IMPORTANT!

THIS PLANNER IS FOR STUDENTS TAKING
BACHELOR OF COMPUTER SCIENCE (INTERNET OF THINGS) ONLY!

*See the other tabs in this file for the planners for other courses or majors
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Indicators

	Core units
	Major-specific units

FEBRUARY/MARCH INTAKE only

		Unit Code	Unit Name	Offered only in	Pre-Requisite	Co-Requisite
Feb/Mar			**Year 1 Sem 1**			
	1	COS10009	Introduction to Programming			
	2	COS10011	Creating Web Applications			COS10009
	3	COS10003	Computer and Logic Essentials			
	4	TNE10006	Networks and Switching			
		MPU3113/MPU3143				
Jun/Jul		MPU3212/MPU3173				
Aug/Sep			**Year 1 Sem 2**			
	5	COS20007	Object-oriented Programming		COS10001 / COS10009 / INF10016 / SWE20004	
	6	COS30015	IT Security		(COS10009 / SWE20004) & (COS10011 / COS10005) & (TNE10005 / TNE10006)	
	7		Co-major/Minor or Elective 1			
	8		Co-major/Minor or Elective 2			
		MPU3123	Local students only			
Feb/Mar			**Year 2 Sem 1**			
	9	STA10003	Foundations of Statistics	Feb/Mar		
	10	SWE30011	IoT Programming	Feb/Mar	(COS10011 / COS10005) & (COS20007 / SWE20004)	
	11	COS20015	Fundamentals of Data Management	Feb/Mar	COS10009	
	12		Co-major/Minor or Elective 3			
Aug/Sep			**Year 2 Sem 2**			
	13	COS30017	Software Development for Mobile Devices		COS20007 / COS20011 / COS30014 / SWE20004	
	14	SWE20001	Development Project 1 - Tools and Practices		SWE20004 / COS10009	COS20007 / HIT3181
	15		Co-major/Minor or Elective 4			
	16		Co-major/Minor or Elective 5			
Feb/Mar			**Year 3 Sem 1**			
	17	SWE40001	Software Engineering Project A		COS20007 / COS30014 / SWE20004	SWE20003 / SWE30010 / INF30029 / MME40001
	18	SWE30012	IoT Laucher Project	Feb/Mar	SWE30011 & (COS20007 / SWE20004)	
	19	COS20019	Cloud Computing Architecture	Feb/Mar	COS10011 & (TNE10006 / COS20016 / TNE10005)	
	20		Co-major/Minor or Elective 6			
Aug/Sep			**Year 3 Sem 2**			
	21	SWE40002	Software Engineering Project B		SWE40001	
	22	ICT30005	Professional Issues in IT		COMPLETED 16 UNITS (200 CREDIT POINTS)	
	23		Co-major/Minor or Elective 7			
	24		Co-major/Minor or Elective 8			

IMPORTANT!

THIS PLANNER IS FOR STUDENTS TAKING
BACHELOR OF COMPUTER SCIENCE (DATA SCIENCE) ONLY!

*See the other tabs in this file for the planners for other courses or majors
**Beware that some units are offered only once a year

Indicators

	Core units
	Major-specific units

FEBRUARY/MARCH INTAKE only

		Unit Code	Unit Name	Offered only in	Pre-Requisite	Co-Requisite
Feb/Mar			**Year 1 Sem 1**			
	1	COS10009	Introduction to Programming			
	2	COS10011	Creating Web Applications			COS10009
	3	COS10003	Computer and Logic Essentials			
	4	TNE10006	Networks and Switching			
		MPU3113/MPU3143				
Jun/Jul		MPU3212/MPU3173				
Aug/Sep			**Year 1 Sem 2**			
	5	COS20007	Object-oriented Programming		COS10001 / COS10009 / INF10016 / SWE20004	
	6	COS10022	Introduction to Data Science			
	7		Co-major/Minor or Elective 1			
	8		Co-major/Minor or Elective 2			
		MPU3123	Local students only			
Feb/Mar			**Year 2 Sem 1**			
	9	STA10003	Foundations of Statistics	Feb/Mar		
	10	SWE20001	Development Project 1 - Tools and Practices		SWE20004 / COS10009	COS20007 / HIT3181
	11	COS20015	Fundamentals of Data Management	Feb/Mar	COS10009	
	12		Co-major/Minor or Elective 3			
Aug/Sep			**Year 2 Sem 2**			
	13	COS20028	Big Data Architecture and Application	Aug/Sep	COS10022 & (COS20007 / COS30016)	
	14	COS30045	Data Visualisation	Aug/Sep	COS10009	
	15	COS30008	Data Structure and Patterns	Aug/Sep	COS20007 / COS30016 / SWE20004 / COS20011	
	16		Co-major/Minor or Elective 4			
Feb/Mar			**Year 3 Sem 1**			
	17	SWE40001	Software Engineering Project A		COS20007 / COS30014 / SWE20004	SWE20003 / SWE30010 / INF30029 / MME40001
	18	ICT30005	Professional Issues in IT		COMPLETED 16 UNITS (200 CREDIT POINTS)	
	19	COS30019	Introduction to Artificial Intelligence		COS20007 / COS30008	
	20		Co-major/Minor or Elective 5			
Aug/Sep			**Year 3 Sem 2**			
	21	SWE40002	Software Engineering Project B		SWE40001	
	22		Co-major/Minor or Elective 6			
	23		Co-major/Minor or Elective 7			
	24		Co-major/Minor or Elective 8			

IMPORTANT!

THIS PLANNER IS FOR STUDENTS TAKING
BACHELOR OF COMPUTER SCIENCE (ARTIFICIAL INTELLIGENCE) ONLY!

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Indicators

	Core units
	Major-specific units

FEBRUARY/MARCH INTAKE only

		Unit Code	Unit Name	Offered only in	Pre-Requisite	Co-Requisite
Feb/Mar			Year 1 Sem 1			
	1	COS10009	Introduction to Programming			
	2	COS10011	Creating Web Applications			COS10009
	3	COS10003	Computer and Logic Essentials			
	4	TNE10006	Networks and Switching			
		MPU3113/MPU3143				
Jun/Jul		MPU3212/MPU3173				
Aug/Sep			Year 1 Sem 2			
	5	COS20007	Object-oriented Programming		COS10001 / COS10009 / INF10016 / SWE20004	
	6	COS20001	User-Centered Design			
	7		Co-major/Minor or Elective 1			
	8		Co-major/Minor or Elective 2			
		MPU3123	Local students only			
Feb/Mar			Year 2 Sem 1			
	9	COS30018	Intelligent Systems	Feb/Mar	COS20007 / COS20011 / COS30016 / SWE20004	
	10	COS30019	Introduction to Artificial Intelligence		COS20007 / COS30008	
	11	COS20015	Fundamentals of Data Management	Feb/Mar	COS10009	
	12		Co-major/Minor or Elective 3			
Aug/Sep			Year 2 Sem 2			
	13	COS30008	Data Structure and Patterns	Aug/Sep	COS20007 / COS30016 / SWE20004 / COS20011	
	14	INF30029	Information Technology Project Management	Aug/Sep	COMPLETED 12 UNITS (150 CREDIT POINTS) & (INF10003 / SWE20004 / COS20007)	
	15	COS30082	Applied Machine Learning	Aug/Sep	COS30018 & COS30019	
	16		Co-major/Minor or Elective 4			
Feb/Mar			Year 3 Sem 1			
	17	SWE40001	Software Engineering Project A		COS20007 / COS30014 / SWE20004	SWE20003 / SWE30010 / INF30029 / MME40001
	18	COS30081	Fundamentals of Natural Language Processing	Feb/Mar	COS20015 & COS30019	
	19		Co-major/Minor or Elective 5			
	20		Co-major/Minor or Elective 6			
Aug/Sep			Year 3 Sem 2			
	21	SWE40002	Software Engineering Project B		SWE40001	
	22	ICT30005	Professional Issues in IT		COMPLETED 16 UNITS (200 CREDIT POINTS)	
	23		Co-major/Minor or Elective 7			
	24		Co-major/Minor or Elective 8			