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

**Beware that some units are offered only once a year

Indicators	
	Core units
	Maior-specific units

	AUGUST/SEPTEMBER INTAKE only					
		Unit Code		Offered Pre-Requisite only in	Co-Requisite	
Aug/Sep			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				
Dec/Jan		MPU3212/MPU3173				
Feb/Mar		0000007	Year 1 Sem 2	COS10001 / COS10009 / INF10016 / SWE20004		
		COS20007	Object-oriented Programming	COS 10001 / COS 10009 / INF 100 16 / SW E20004		
		COS20001	User-Centred Design	5 + /h 4 COC40000		
		COS20015	Fundamentals of Data Management	Feb/Mar COS10009		
	8		Co-major/Minor or Elective 1			
		MPU3123	Local students only			
Aug/Sep			Year 2 Sem 1			
		SWE20001	Managing Software Projects	SWE20004 / COS20007		
		SWE30009	Software Testing and Reliability	Aug/Sep COS20007 / COS20004 / COS20011		
	11	COS30008	Data Structure and Patterns	Aug/Sep COS20007 / COS30016 / SWE20004 / COS20011		
	12		Co-major/Minor or Elective 2			
Feb/Mar			Year 2 Sem 2			
	13	SWE30011	IoT Programming	Feb/Mar (COS10011 / COS10005) & (COS20007 / SWE20004)		
	14	COS30017	Software Development for Mobile Devices	COS20007		
	15		Co-major/Minor or Elective 3			
	16		Co-major/Minor or Elective 4			
Aug/Sep			Year 3 Sem 1			
	17	SWE40001	Software Engineering Project A	COS20007 / COS30014 / SWE20004	SWE20003 / SWE30010 / INF30029 / MME40001 / SWE20001	
	18	COS30041	Creating Secure and Scalable Software	Aug/Sep (COS10011 / COS20001 / COS10005) & (COS20007 / SWE20004)		
	19		Co-major/Minor or Elective 5			
	20		Co-major/Minor or Elective 6			
Feb/Mar			Year 3 Sem 2			
	21	ICT30005	Professional Issues in IT	COMPLETED 16 UNITS (200 CREDIT POINTS)		
	22	SWE40002	Software Engineering Project B	SWE40001		
	23	-	Co-major/Minor or Elective 7			
	24		Co-major/Minor or Elective 8			

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

**Beware that some units are offered only once a year

		Indicators				
			Core units			
			Major-specific units			
			wajor-specific urins			
			AUGUST/SE	EPTEME	BER INTAKE only	
		Unit Cod		Offered		Co-Requisite
				only in		1
Aug/Sep			Year 1 Sem 1	1		
	1	COS10009	Introduction to Programming			
		COS10011	Creating Web Applications			COS10009
		COS10003	Computer and Logic Essentials			
	4	TNE10006	Networks and Switching			
		MPU3113/MPU3143				
Dec/Jan		MPU3212/MPU3173				
Feb/Mar			Year 1 Sem 2			
	5	COS20007	Object-oriented Programming		COS10001 / COS10009 / INF10016 / SWE20004	
		TNE20002	Network Routing Principles		TNE10006	
		COS20015	Fundamentals of Data Management	Feb/Mar	COS10009	
	8		Co-major/Minor or Elective 1			
	ļ	MPU3123	Local students only			
- '0						<u> </u>
Aug/Sep		0000045	Year 2 Sem 1		(COS10009 / SWE20004) & (COS10011 / COS10005) &	<u> </u>
	9	COS30015	IT Security			
	10	211/50004			(TNE10005 / TNE10006) SWE20004 / COS20007	
	10 11	SWE20001	Managing Software Projects Co-major/Minor or Elective 2		SWE20004 / CO320001	
	12		Co-major/Minor or Elective 2 Co-major/Minor or Elective 3	+		
	14	+	CO-Major/Million of Elective 3	+	1	
Feb/Mar		+	Year 2 Sem 2	+	1	
I GD/IVIG.	13	ICT30010	eForensic Fundamentals	Feb/Mar	TNE10006	
		TNE30009	Network Security & Resilience		TNE10006 / COS20012	
		TNE30009	Secure Remote Access Networks	Feb/Mar	TNE20002 / TNE20001	
	16		Co-major/Minor or Elective 4	I ODITION		
			OO THAI OF THE CLE CLES ATO 1			
Aug/Sep		1	Year 3 Sem 1			
7 (4.5)		SWE40001	Tour o som .			SWE20003 / SWE30010 / INF30029 / MME40001 / SWE20001
			Software Engineering Project A		COS20007 / COS30014 / SWE20004	
	18	INF30020	Information Systems Risk and Security	Aug/Sep	COMPLETED 8 UNITS (100 CREDIT POINTS) & (SWE20004 /	
	19		Co-major/Minor or Elective 5			
	20		Co-major/Minor or Elective 6			
Feb/Mar	<u> </u>		Year 3 Sem 2			
		ICT30005	Professional Issues in IT		COMPLETED 16 UNITS (200 CREDIT POINTS)	
		SWE40002	Software Engineering Project B		SWE40001	
	23		Co-major/Minor or Elective 7			
	24		Co-major/Minor or Elective 8			
						1

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

**Beware that some units are offered only once a year

Indicators	
	Core units
	Major-specific units

Co-major/Minor or Elective 5
Co-major/Minor or Elective 6

Professional Issues in IT
Software Engineering Project B

Co-major/Minor or Elective 7

Co-major/Minor or Elective 8

Year 3 Sem 2

19

23

24

21 ICT30005

22 SWE40002

Feb/Mar

iviajor-specific units **AUGUST/SEPTEMBER INTAKE only Unit Code** Pre-Requisite Co-Requisite only in Aug/Sep Year 1 Sem 1 1 COS10009 2 COS10011 3 COS10003 4 TNE10006 Introduction to Programming Creating Web Applications COS10009 Computer and Logic Essentials Networks and Switching MPU3113/MPU3143 MPU3212/MPU3173 Dec/Jan Feb/Mar Year 1 Sem 2 COS10001 / COS10009 / INF10016 / SWE20004 5 COS20007 6 STA10003 Object-oriented Programming Foundations of Statistics Feb/Mar Feb/Mar COS10009 **7** COS20015 Fundamentals of Data Management Co-major/Minor or Elective 1 MPU3123 Local students only Aug/Sep Year 2 Sem 1 (COS10009 / SWE20004) & (COS10011 / COS10005) & (TNE10005 / **9** COS30015 IT Security 10 COS30017 11 SWE20001 Software Development for Mobile Devices COS20007 SWE20004 / COS20007 Managing Software Projects Co-major/Minor or Elective 2 12 Year 2 Sem 2 Feb/Mar COS10011 & (TNE10006 / COS20016 / TNE10005) **13** COS20019 Cloud Computing Architecture **14** SWE30011 Feb/Mar (COS10011 / COS10005) & (COS20007 / SWE20004) 15 Co-major/Minor or Elective 3 16 Co-major/Minor or Elective 4 Aug/Sep Year 3 Sem 1 **17** SWE40001 SWE20003 / SWE30010 / INF30029 / MME40001 / SWE20001 COS20007 / COS30014 / SWE20004 Software Engineering Project A Aug/Sep SWE30011 & (COS20007 / SWE20004) **18** SWE30012 IoT Launcher Project

SWE40001

COMPLETED 16 UNITS (200 CREDIT POINTS)

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

**Beware that some units are offered only once a year

		Indicators				
		maioatoro	Core units			
			Major-specific units			
Ì			wajor-specific drifts			
				AUGUST/SEPTEME	RED INTAKE ONLY	
		.	T			
		Unit Cod	de	Offered only in	Pre-Requisite	Co-Requisite
Aug/Sep			Year 1 Sem 1	•		
		00010000	Introduction to Programming			
		COS10011	Creating Web Applications			COS10009
		COS10003	Computer and Logic Essentials			
	4	TNE10006	Networks and Switching			
<u> </u>		MPU3113/MPU3143				
Dec/Jan		MPU3212/MPU3173				
Feb/Mar			Year 1 Sem 2			
	5	COS20007	Object-oriented Programming		COS10001 / COS10009 / INF10016 / SWE20004	
	6	STA10003	Foundations of Statistics	Feb/Mar		
	7	COS20015	Fundamentals of Data Management	Feb/Mar	COS10009	
	8		Co-major/Minor or Elective 1			
		MPU3123	Local students only			
Aug/Sep			Year 2 Sem 1			
	9	COS10022	Introduction to Data Science			
	10	COS30045	Data Visualisation	Aug/Sep	COS10009	
		COS30008	Data Structure and Patterns	Aug/Sep	COS20007 / COS30016 / SWE20004 / COS20011	
	12		Co-major/Minor or Elective 2			
Feb/Mar			Year 2 Sem 2			
		COS30019	Introduction to Artificial Intelligence		COS20007 / COS30008	
		SWE20001	Managing Software Projects		SWE20004 / COS20007	
	15		Co-major/Minor or Elective 3			
	16		Co-major/Minor or Elective 4			
Auglean			Voor 2 Som 4			
Aug/Sep	47	SWE40001	Year 3 Sem 1			SWE20003 / SWE30010 / INF30029 / MME40001 / SWE20001
			Software Engineering Project A		COS20007 / COS30014 / SWE20004	3VV EZUUU3 / 3VV E3UU IU / IINF3UUZ9 / IVIIVIE4UUU I / 3VV EZUUUT
		COS20028	Big Data Architecture and Application	Aug/Sep	COS10022 & (COS20007 / COS30016)	
	19		Co-major/Minor or Elective 5			
	20		Co-major/Minor or Elective 6			
			<u> </u>			
Feb/Mar		1070005	Year 3 Sem 2		COMPLETED 40 LINITO (000 OPERIT ROINTO)	
		ICT30005	Professional Issues in IT		COMPLETED 16 UNITS (200 CREDIT POINTS)	
		SWE40002	Software Engineering Project B		SWE40001	
	23		Co-major/Minor or Elective 7			

24

Co-major/Minor or Elective 8

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

**Beware that some units are offered only once a year

Indicators				
indicators	Core units			
	Major-specific units			
		AUGUST/SEPTEMBER INT	AKE only	
Unit Code		Offered	Pre-Requisite	Co-Requisite
		only in	To requisite	oo raquisito
Aug/Sep	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				
Dec/Jan MPU3212/MPU3173				
Feb/Mar	Year 1 Sem 2			
5 COS20007	Object-oriented Programming	COS10001 / COS10	009 / INF10016 / SWE20004	
6 COS20001	User-Centered Design			
7 COS20015	Fundamentals of Data Management	Feb/Mar COS10009		
8	Co-major/Minor or Elective 1			
MPU3123	Local students only			
Aug/Sep	Year 2 Sem 1			
9 COS30008	Data Structure and Patterns	Aug/Sep COS20007 / COS30	016 / SWE20004 / COS20011	
10 COS30019	Introduction to Artificial Intelligence	COS20007 / COS30		
11	Co-major/Minor or Elective 2			
12	Co-major/Minor or Elective 3			
Feb/Mar	Year 2 Sem 2			
13 COS30081	Fundamentals of Natural Language Processing	Feb/Mar COS20015 & COS30	2010	
14 COS30081	Intelligent Systems	Feb/Mar COS2007 / COS20	011 / COS20016 / SWE20004	
15 SWE20001	Managing Software Projects	SWE20004 / COS20		
16	Co-major/Minor or Elective 4	3WE20004 / CO320	1001	
10	Co-major/willion of Elective 4			
Aug/Sep	Year 3 Sem 1			
17 SWE40001	Software Engineering Project A	COS20007 / COS30		SWE20003 / SWE30010 / INF30029 / MME40001 / SWE
18 COS30082	Applied Machine Learning	Aug/Sep COS30018 / COS30	019	
19	Co-major/Minor or Elective 5			
20	Co-major/Minor or Elective 6			
Feb/Mar	Year 3 Sem 2	+ +		
21 ICT30005	Professional Issues in IT	COMPLETED 16 UN	IITS (200 CREDIT POINTS)	
22 SWE40002	Software Engineering Project B	SWE40001		
23	Co-major/Minor or Elective 7	311213331		
24	Co-major/Minor or Elective 8			