NORTHRISE UNIVERSITY
S1 2018 INTAKE BSc in Computer Science
COURSE PATH

	Course Code	Course Name	Academic Year	Semester Offered	# of Semesters @ NU	Prerequisites	Fulfills What Requirement?	Credits	Notes	Student Level
1	SEM101	Introduction to University Studies	1	1	1	None	*Seminar 1*	*1*		
2	APA101	Introduction to APA				None	Mandatory	1		
3	COM101	Communication and Study skills I				None	Bridging Course 1	3		
4	ACC101	Introduction to Accounting				None	*Bridging Course 2*	*3*		
5	MAT101	Intermediate Algebra				None	*Foundation 1*	*3*		
6	CIT101	Computer Literacy Basics				None	Bridging Course 3	3		
7	CTP101	Biblical Worldview and Major World Religions I				None	CTP 1	3		
8	CHPY1S1	Chapel Attendance Y1 S1				None	Chapel Attendance	1		1
9	SLY1S1	Service Learning Y1 S1				None	Service Learning	1		
8	COM102	Communication and Study skills II	1	2	2	None	*Foundation 2*	*3*		
9	CTP103	Biblical Worldview and Major World Religions II				None	*Bridging Course 4*	*3*		
10	HUM103	Zambian studies and Social Issues				None	*Bridging Course 5*	*3*		
11	NET103	Introduction to Networking				None	*Major 1*	*3*		
12	CIT102	Introduction to Programming				None	*Foundation 3*	*3*		
12	CHPY1S1	Chapel Attendance Y1 S2				CHPY1S1	*Chapel Attendance*	*1*		
13	SLY1S2	Service Learning Y1 S2				SLY1S1	*Service Learning*	*1*		
13	SEM201	HIV/AIDS Seminar	2	1	3	None	*Seminar 2*	*1*	*Y*	
14	CIT201	Information Systems Concepts				None	*Foundation 4*	*3*	*Y*	
15	MGT202 /MGT20	Organizational Behaviour or Managing Organizations				None	*Foundation 5*	*3*	*Y*	
16	CIT202	Programming with C				None	*Major 2*	*3*	*Y*	
17	DBT203	Database Design				None	*Major 3*	*3*	*Y*	
18	CSC201	Introduction to Operating systems				None	*Major 4*	*3*	*Y*	
19	CHPY2S1	Chapel Attendance Y2 S1				None	*Chapel Attendance*	*1*		2
20	SLY2S1	Service Learning Y2 S1				None	*Service Learning*	*1*		
18	CSC301	Computer Architecture	2	2	4	None	*CTP 2*	*3*	*Y*	
19	CIT205	Algorithms & Data structures				None	*Major 5*	*3*	*Y*	
20	MAT201	Computational Mathematics				None	*Major 6*	*3*	*Y*	
21	CIT204	Computer Hardware				Computational Mathematics	*Major 7*	*3*	*Y*	
22	CSC202	Cryptography				CIT202	*Major 8*	*3*	*Y*	
30	CHPY2S2	Chapel Attendance Y2 S2				None	*Chapel Attendance*	*1*		
31	SLY2S2	Service Learning Y2 S2				None	Service Learning	*1*		
23	SEM301	Community Development Seminar	3	1	5	None	*Seminar 3*	*1*	*Y*	
24	CSC305	Human Computer Interaction				CIT202	*Major 9*	*3*	*Y*	
25	NET301	Advanced Networking				CIT204	*Major 10*	*3*	*Y*	
26	CSC302	Advanced Operating Systems				None	*Major 11*	*3*	*Y*	
27	CIT301	Systems Analysis & Design				CIT206	*Major 12*	*3*	*Y*	
28	NET303	Network Security & Firewalls				NET201	*Major 13*	*3*	*Y*	
29	CHPY3S1	Chapel Attendance Y3 S1				None	*Chapel Attendance*	*1*		3
30	SLY3S1	Service Learning Y3 S1				None	Service Learning	*1*		
29	CTP301	Conflict & Reconciliation	3	2	6	None	*CTP 3*	*3*	*Y*	
30	SOD204	Object Oriented Programming with C++				CIT202	*Major 14*	*3*	*Y*	
31	CSC303	Compiler Theory & Construction				NET303	*Major 15*	*3*	*Y*	
32	CSC304	Microprocessor Systems				None	*Major 16*	*3*	*Y*	
33	CSC401	Artificial Intelligence				CSC305	*Major 17*	*3*	*Y*	
34	CHPY3S2	Chapel Attendance Y3 S2				None	*Chapel Attendance*	*1*		
35	SLY3S2	Service Learning Y3 S2				None	Service Learning	*1*		
34	SEM401	Career Development Seminar	4	1	7	None	*Seminar 4*	*1*	*Y*	
35	CTP401	Relationship, Marriage and Family				None	CTP4	3	Y	
36	MGT401	Business and Personal Ethics				MGT101	Mandatory	3	Y	
37	BUS401	Business Research Concepts				Completion of all the above major courses	*Mandatory*	*3*	*Y*	
38	NET401	Networks & Distributed Systems				NET301	*Major 18*	*3*	*Y*	4
39	MAT401	Numerical Analysis				MA201	*Major 19*	*3*	*Y*	
40	CHPY4S1	Chapel Attendance Y4 S1				None	*Chapel Attendance*	*1*		
41	SLY4S1	Service Learning Y4 S1				None	Service Learning	*1*		
41	CSC405	Final Year Project				BUS401, NET401, & CSC402	*Project*	*6*	*Y*	
56	CHPY4S2	Chapel Attendance Y4 S2				None	*Chapel Attendance*	*1*		
57	SLY4S2	Service Learning Y4 S2				None	Service Learning	*1*		
		Total Credits						***130***		