

Recommended Semester Plan for Computer Science Major

S. No.	Module Code	Module Title	MCs	Semester
1	ZZ-1101	Mathematical Methods for the Sciences (Degree Core)	4	<i>1st</i>
2	ZZ-1102	Programming Fundamentals (Degree Core)	4	
3	LE-1503	Communication Skills I: Academic Reading and Writing Skills	4	
4	ZC-1201	Computer Architecture and Organisation (Major Core)	4	
Semester MCs			16	
5	ZZ-1103	Introduction to Digital Transformation (Degree Core)	4	<i>2nd</i>
6	ZC-1202	Augmented and Virtual Reality (Major Core)	4	
7	PB-1503	Melayu Islam Beraja (MIB)	4	
8	LE-2503	Communication Skills II: Academic Report Writing and Presentation	4	
9		Major Option Level 1 or higher (ZD-1201 or ZS-1201)	4	
Semester MCs			20	
10	ZC-2201	Database Design (Major Core)	4	<i>3rd</i>
11	ZC-2203	Computer Networks (Major Core)	4	
12	ZC-2205	Data Structures and Algorithms (Major Core)	4	
13	MS-1501	Islamic Civilisation and the Modern World	4	
14		Major Option Level 1 or higher (ZA-2201 or ZA-2202 or ZS-2201)	4	
Semester MCs			20	
15	ZC-2204	Software Engineering (Major Core)	4	<i>4th</i>
16	ZC-2202	Operating Systems (Major Core)	4	
17		Major Option Level 2000 or higher	4	
18		Remaining Breadth or Option	4	
Semester MCs			16	
19	ZC-3201	Software Development Lab (Major Core)	4	<i>5th</i>
20	ZC-3202	Human Computer Interaction (Major Core)	4	
21		Major Option Level 2000 or higher	4	
22		Remaining Breadth or Option	4	
Semester MCs			16	
23	DW-3001	DY 1	16	<i>6th</i>
Semester MCs			16	
24	DW-3002	DY 2	16	<i>Summer</i>
Semester MCs			16	
25	ZC-4202	Entrepreneurship for Digital Scientists (Major Core)	4	<i>7th</i>
26	ZC-4290	Final Year Project (Major Core)	4	
27		Major Option Level 4000	4	
28		Major Option Level 2000 or higher	4	
Semester MCs			16	
29	ZC-4290	Final Year Project (Major Core)	4	<i>8th</i>
30		Major Option Level 4000	4	
31		Major Option Level 4000	4	
32		Major Option Level 2000 or higher	4	
Semester MCs			16	
Total MCs			152	