

BSCS Batch 15 - Fall 2020 Onwards

1 st Semester				2 nd Semester			
Pre-Req	Course Code	Course	Cr. Hr.	Pre-Req	Course code	Course	Cr. Hr.
	CC1021	Programming Fundamentals	3		ISL101	Islamic Studies	3
	CC1021L	Programming Fundamentals Lab	1	EN111	EN125	Composition and Communication	3
	MA100	Calculus and Analytical Geometry (Calculus 1)	3	MA100	MA103	Calculus 2	3
	IT1091	Introduction to ICT	2	PF	CC1022	Object Oriented Programming	3
	IT1091L	Introduction to ICT Lab	1	PF	CC1022L	Object Oriented Programming Lab	1
	EN111	English Grammar and Comprehension	3		CC1041	Discrete Structures	3
	NS125	Applied Physics	2				
	NS125L	Applied Physics Lab	1				
		Semester Total	16			Semester Total	16
3 rd Semester				4 th Semester			
Pre-Req	Course Code	Course	Cr. Hr.	Pre-Req	Course code	Course	Cr. Hr.
OOP	CC2042	Data Structures and Algorithms	3	DLD	CS2032	Computer Organization and Assembly Language	3
OOP	CC2042L	Data Structures and Algorithms Lab	1	DLD	CS2032L	Computer Organization and Assembly Language Lab	1
	MA210	CS Supporting 1 (Linear Algebra)	3	DSA	CC2141	Database Systems	3
	SD422	Foreign Language	2	DSA	CC2141L	Database Systems Lab	1
	HU4092	Professional Practices	3		CS2051	CS Supporting 2 (Numerical Analysis)	3
AP	CS2031	Digital Logic Design	3			Technical Elective 1	3
AP	CS2031L	Digital Logic Design Lab	1		MA150	Probability and Statistics	3
		Semester Total	16			Semester Total	17

Bachelor of Computer Science Road Map – Fall 2020 Onwards

Total Credit Hours **132**

