

Bachelor of Science in Computer Science

The Program Structure:

Course Code	BS: First Semester Courses	Credit
COM 101	Communication Skills	2
COM 102	Discrete Structures	3
COM 103	Electronics and Communication Technology	3
COM 104	Calculus	2
COM 105	C ++ Programming	5
COM 106	Computer Fundamentals & Applications	5
TOTAL CREDITS		20
Course Code	BS: Second Semester Courses	Credit
COM 111	Data Structures	2
COM 112	Computer Systems Architecture	3
COM 113	Assembly Language	3
COM 114	Web Technology	2
COM 115	Programming Using PHP	5
COM 116	Applied Mathematics	5
TOTAL CREDITS		20
Course Code	BS: Third Semester Courses	Credit
COM 201	Design and Analysis Algorithms	2
COM 202	Systems Programming	3
COM 203	Database Systems	3
COM 204	Basic Statistics and Probability	2
COM 205	Computer Systems Troubleshooting	5
COM 206	Programming Using FORTRAN	5
TOTAL CREDITS		20
Course Code	BS: Fourth Semester Courses	Credit
COM 211	Operating Systems	2
COM 212	Data Communication and Computer Networks	3
COM 213	Software Engineering	3
COM 214	Differential Equations	2
COM 215	Java and Data Structures	5
COM 216	Multimedia	5
TOTAL CREDITS		20
Course Code	BS: Fifth Semester Courses	Credit
COM301	Theory of Computations	2
COM 302	Microprocessors	3
COM 303	Internet Technologies	3
COM 304	Operational Research	2
COM 305	Visual Basic 6.0	5
COM 306	MySQL	5
TOTAL CREDITS		20
Course Code	BS: Sixth Semester Courses	Credit
COM 311	Computer Graphics	2
COM 312	Information Security	3
COM 313	Statistical Methodology	3
COM 314	Project Management	2
COM 315	Bachelor Thesis	10
TOTAL CREDITS		20

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