

Bachelor of Science in Computer Science

The Program Structure:

Course Code	BS: First Semester Courses	Credit
COM 101	Communication Skills	5
COM 102	Discrete Structures	5
COM 103	Electronics and Communication Technology	5
COM 104	Calculus	5
COM 105	C ++ Programming	5
COM 106	Computer Fundamentals & Applications	5
TOTAL CREDITS		30
Course Code	BS: Second Semester Courses	Credit
COM 111	Data Structures	5
COM 112	Computer Systems Architecture	5
COM 113	Assembly Language	5
COM 114	Web Technology	5
COM 115	Programming Using PHP	5
COM 116	Applied Mathematics	5
TOTAL CREDITS		30
Course Code	BS: Third Semester Courses	Credit
COM 201	Design and Analysis Algorithms	5
COM 202	Systems Programming	5
COM 203	Database Systems	5
COM 204	Basic Statistics and Probability	5
COM 205	Computer Systems Troubleshooting	5
COM 206	Programming Using FORTRAN	5
TOTAL CREDITS		30
Course Code	BS: Fourth Semester Courses	Credit
COM 211	Operating Systems	5
COM 212	Data Communication and Computer Networks	5
COM 213	Software Engineering	5
COM 214	Differential Equations	5
COM 215	Java and Data Structures	5
COM 216	Multimedia	5
TOTAL CREDITS		30
Course Code	BS: Fifth Semester Courses	Credit
COM301	Theory of Computations	5
COM 302	Microprocessors	5
COM 303	Internet Technologies	5
COM 304	Operational Research	5
COM 305	Visual Basic 6.0	5
COM 306	MySQL	5
TOTAL CREDITS		30
Course Code	BS: Sixth Semester Courses	Credit
COM 311	Computer Graphics	5
COM 312	Information Security	5
COM 313	Statistical Methodology	5
COM 314	Project Management	5
COM 315	Bachelor Thesis	10
TOTAL CREDITS		30

Bachelor of Science in Computer Science