

Course Code	Subject Name
CMP 325	Analysis & Design of Algorithm
CMP 331	Applied Operating System
CMP 457	Artificial Intelligence & Neural Network
ENG 111	Communication Technique
CMP 241	Computer Graphics
CMP 335	Computer Networks
CMP 334	Computer Organization & Architecture
CMP 225	Data Structure and Algorithms
CMP 226	Database Management Systems
CMP 435	Distributed Systems
MEC 120	Engineering Drawing
ECO 411	Engineering Economics
MTH 112	Engineering Mathematics I
MTH 114	Engineering Mathematics II
MTH 212	Engineering Mathematics III
CMP 480	Enterprise Application Development
CMP 110	Fundamentals of IT
CMP 441	Image Processing and Pattern Recognition
ELX 212	Logic Circuits
CMP 490	Major Project
MTH 130	Mathematical Foundation of Computer Science
CMP 214	Microprocessor & Assembly Language Programming
CMP 341	Multimedia Systems
CMP 436	Network Programming
MTH 230	Numerical Methods
CMP 321	Object Oriented Design & Modeling through UML
CMP115	Object Oriented Programming in C++
CMP 322	Object Oriented Software Development
MGT 321	Organization and Management
PHY 111	Physics
CMP 312	Principles of Programming Languages
MTH 221	Probability & Queuing Theory
CMP 114	Problem Solving Techniques
CMP 113	Programming in C
CMP 212	Programming in Java
CMP 430	Real –Time Systems
CMP 350	Simulation & Modeling
CMP 220	Software Engineering Fundamentals
CMP 420	Software Project Management
CMP 421	Software Testing, Verification, Validation and Quality Assurance
CMP 311	System Programming
CMP 213	Web Technology
NOTE:	<i>All of the subjects are listed as per the 4 year syllabus for B.E. Software (Pokhara University). The semester projects and elective subjects are not included in this list.</i>