

NIED
Bachelor of Science (Hons.) in Computer
Science (3 Years)
Semester-wise Subject Codes

Semester 1

Code	Subject
BCS101	Programming Fundamentals using Python
BCS102	Computer System Architecture
BCS103	Mathematics for Computing
BCS151	Python Lab

Semester 2

Code	Subject
BCS201	Object-Oriented Programming (C++)
BCS202	Discrete Mathematical Structures
BCS203	Digital Electronics
BCS251	C++ Lab

Semester 3

Code	Subject
BCS301	Data Structures
BCS302	Operating Systems
BCS303	DBMS
BCS351	Data Structures Lab

Semester 4

Code	Subject
BCS401	Algorithms
BCS402	Software Engineering
BCS403	Web Technologies
BCS451	Web Tech Lab

Semester 5

Code	Subject
BCS501	Computer Graphics
BCS502	Theory of Computation
BCS503	Java Programming

BCS551	Java Lab
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Semester 6

Code	Subject
BCS601	Machine Learning
BCS602	Cyber Security
BCS603	Cloud Computing
BCS651	Project & Internship