



**Faculty of Science and Information Technology**  
**Department of Computer Science and Engineering**  
**Course Offer for Summer-2026 Semester**

Code	(Batch-72) (New Curriculum-3, Effective from Spring 2023)	Pre-requisite	Credit
ENG101	Basic Functional English and English Spoken	Null	3
MAT101	Mathematics - I	Null	3
CSE112	Computer Fundamentals	Null	3
CSE115	Introduction to Biology and Chemistry for Computation	Null	3
		<b>Total Credits</b>	<b>12</b>

Code	(Batch-71) (New Curriculum-3, Effective from Spring 2023)	Pre-requisite	Credit
ENG102	Writing and Comprehension	ENG101	3
MAT102	Mathematics-II: Calculus, Complex Variables and Linear Algebra	MAT101	3
PHY101	Physics - I	Null	3
CSE113	Programming and Problem Solving	Null	3
CSE114	Programming and Problem Solving Lab	Null	1.5
		<b>Total Credits</b>	<b>13.5</b>

Code	(Batch-70) (New Curriculum-3, Effective from Spring 2023)	Pre-requisite	Credit
PHY102	Physics - II	PHY101	3
PHY103	Physics - II Lab	Null	1.5
CSE121	Electrical Circuits	CSE123	3
CSE122	Electrical Circuits Lab	CSE124	1.5
CSE123	Data Structure	CSE113	3
CSE124	Data Structure Lab	CSE114	1.5
		<b>Total Credits</b>	<b>13.5</b>

Code	(Batch-69) (New Curriculum-3, Effective from Spring 2023)	Pre-requisite	Credit
MAT211	<u>Engineering Mathematics</u>	<u>MAT-102</u>	<u>3</u>
CSE212	<u>Discrete Mathematics</u>	<u>None</u>	<u>3</u>
CSE213	<u>Algorithms</u>	<u>CSE-123</u>	<u>3</u>
CSE214	<u>Algorithms Lab</u>	<u>CSE-124</u>	<u>1.5</u>
BNS101	Bangladesh Studies (History of Independence and Contemporary Issues)	Null	3
		<b>Total Credits</b>	<b>13.5</b>

Code	(Batch-68) (New Curriculum-3, Effective from Spring 2023)	Pre-requisite	Credit
AOL101	Art of Living	Null	3
CSE221	Object Oriented Programming	CSE113, CSE213	3
CSE222	Object Oriented Programming Lab	CSE114, CSE214	1.5
CSE215	Electronic Devices and Circuits	CSE121	3
CSE216	Electronic Devices and Circuits Lab	CSE122	1.5
		<b>Total Credits</b>	<b>12</b>

Code	(Batch-67) (New Curriculum-3, Effective from Spring 2023)	Pre-requisite	Credit
<u>CSE226</u>	<u>Numerical Methods</u>	<u>MAT-211</u>	<u>3</u>
<u>CSE311</u>	<u>Database Management System</u>	<u>CSE-221</u>	<u>3</u>
<u>CSE312</u>	<u>Database Management System Lab</u>	<u>CSE-222</u>	<u>1.5</u>
<u>CSE313</u>	<u>Compiler Design</u>	<u>CSE-228</u>	<u>3</u>
<u>CSE314</u>	<u>Compiler Design Lab</u>	<u>CSE114</u>	<u>1.5</u>
		<b>Total Credits</b>	<b>12</b>

Code	(Batch-66) (New Curriculum-3, Effective from Spring 2023)	Pre-requisite	Credit
CSE315	Software Engineering	CSE-227	3
CSE317	Microprocessor and Microcontrollers	CSE-223	3
CSE321	Computer Networks	CSE-225	3
CSE322	Computer Networks Lab	CSE-221	1.5
ACT327	Financial and Managerial Accounting	None	3
		<b>Total Credits</b>	<b>13.5</b>

Code	(Batch-65) (New Curriculum-3, Effective from Spring 2023)	Pre-requisite	Credit
CSE325	<u>Instrumentation and Control</u>	<u>CSE-215</u>	<u>3</u>
CSE326	<u>Social and Professional Issues in Computing</u>	<u>None</u>	<u>3</u>
CSE411	<u>Computer Graphics</u>	<u>CSE-113</u>	<u>3</u>
CSE412	<u>Computer Graphics Lab</u>	<u>CSE-114</u>	<u>1.5</u>
CSE414	Research Innovation and Technical Writing (Elective-II)	None	3
CSE499	FYDP (Title Defense)	None	1
		<b>Total Credits</b>	<b>14.5</b>

Code	(Batch-64) (New Curriculum-3, Effective from Spring 2023), Specialization in Artificial Intelligence (AI)	Pre-requisite	Credit
ECO426	Engineering Economics	None	3
CSE431	Machine Learning	None	3

CSE432	Natural Language Processing	None	3
CSE499	FYDP (Phase-I, continued from Level 4 Term 1)	CSE499: Title Defense	2
		<b>Total Credits</b>	<b>11</b>

<b>Code</b>	<b>(Batch-64) (New Curriculum-3, Effective from Spring 2023), Specialization in Software Development (SD)</b>	<b>Pre-requisite</b>	<b>Credit</b>
ECO426	Engineering Economics	None	3
CSE441	UI and UX Design	None	3
CSE442	Software Quality Assurance	None	3
CSE499	FYDP (Phase-I, continued from Level 4 Term 1)	CSE499: Title Defense	2
		<b>Total Credits</b>	<b>11</b>

<b>Code</b>	<b>(Batch-64) (New Curriculum-3, Effective from Spring 2023), Specialization in Network and Communication (NC)</b>	<b>Pre-requisite</b>	<b>Credit</b>
ECO426	Engineering Economics	None	3
CSE453	Wireless Sensor Network	None	3
CSE454	Cyber Security and Forensics	None	3
CSE499	FYDP (Phase-I, continued from Level 4 Term 1)	CSE499: Title Defense	2
		<b>Total Credits</b>	<b>11</b>

<b>Code</b>	<b>(Batch-63) (New Curriculum-2, Effective from Spring 2022)</b>	<b>Pre-requisite</b>	<b>Credit</b>
CSE499	FYDP (Phase-II, continued from Level 4 Term 2)	CSE499: Project / Internship (Phase I)	3
		<b>Total Credits</b>	<b>3</b>

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