



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

Code	Batch-73	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
	Total Credits		12

Code	Batch-72	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
	Total Credits		13.5

Code	Batch-71	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
	Total Credits		13.5

Code	Batch-70	Pre-requisite	Credit
MAT211	Engineering Mathematics	MAT-102	3
CSE212	Discrete Mathematics	None	3
CSE213	Algorithms	CSE-123	3
CSE214	Algorithms Lab	CSE-124	1.5
BNS101	Bangladesh Studies (History of Independence and Contemporary Issues)	Null	3
	Total Credits		13.5

Code	Batch-69	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
	Total Credits		12

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Code	Batch-68	Pre-requisite	Credit
CSE223	Digital Logic Design	CSE121 CSE215	3
CSE224	Digital Logic Design Lab	CSE122 CSE216	1.5
CSE225	Data Communication	CSE112	3
CSE228	Theory of Computation	CSE212	3
CSE227	Systems Analysis and Design	CSE113 CSE212	3
		Total Credits	13.5

Code	Batch-67	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
		Total Credits	13.5

Code	Batch-66	Pre-requisite	Credit
CSE326	Social and Professional Issues in Computing	None	3
CSE316	Artificial Intelligence	CSE113 CSE123 CSE213	3
CSE323	Operating Systems	CSE221	3
CSE324	Operating Systems Lab	CSE222	1.5
CSE328	Introduction to Data Science	None	3
CSE499	FYDP (Title Defense)	None	1
		Total Credits	14.5

Code	Batch-65 Specialization in Artificial Intelligence (AI)	Pre-requisite	Credit
CSE413	Computer Architecture and Organization	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
		Total Credits	11

Code	Batch-65 Specialization in Software Development (SD)	Pre-requisite	Credit
CSE413	Computer Architecture and Organization	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
		Total Credits	11

Code	Batch-65 Specialization in Network and Communication (NC)	Pre-requisite	Credit
CSE413	Computer Architecture and Organization	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
		Total Credits	11

Code	Batch-65 Specialization in Embedded Systems and Robotics (ESR)	Pre-requisite	Credit
CSE413	Computer Architecture and Organization	None	3
CSE471	Introduction to Embedded Systems	None	3
CSE472	Internet of Things (IoT)	None	3
CSE499	FYDP (Phase-I, continued from Level 4 Term 1)	CSE499: Title Defense	2
		Total Credits	11

Code	(Batch-64 Specialization in Artificial Intelligence (AI)	Pre-requisite	Credit
CSE437	Computer Vision	None	3
CSE438	Business Intelligence.	None	3
CSE499	FYDP (Phase-II, continued from Level 4 Term 2)	CSE499: Project / Internship (Phase I)	3
		Total Credits	9

Code	Batch-64 Specialization in Software Development (SD)	Pre-requisite	Credit
CSE443	Web Computing	None	3
CSE444	Software Architecture and Design Patterns	None	3
CSE499	FYDP (Phase-II, continued from Level 4 Term 2)	CSE499: Project / Internship (Phase I)	3
		Total Credits	9

Code	Batch-64 Specialization in Network and Communication (NC)	Pre-requisite	Credit
CSE451	Cloud Computing and Services	None	3
CSE452	Optical Fiber Communication	None	3
CSE499	FYDP (Phase-II, continued from Level 4 Term 2)	CSE499: Project / Internship (Phase I)	3
		Total Credits	9

Code	Batch-64 Specialization in Embedded Systems and Robotics (ESR)	Pre-requisite	Credit
CSE473	Robotics	None	3
CSE474	VLSI Design	None	3
CSE499	FYDP (Phase-II, continued from Level 4 Term 2)	CSE499: Project / Internship (Phase I)	3
		Total Credits	9

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