European University of Bangladesh

Department of Computer Science and Engineering
Program: BSc in CSE (Day)
Semester: Spring 2025 (4M)

		1st Year 1st Semester (Batch - 30)	
		1st Semester (Regulation 2023)	
SL No	**Course Code**	**Course Title**	**Credit**
1	CSE-121	Structured Programming Language	3
2	CSE-122	Structured Programming Language Sessional	1.5
3	CSE-100	Introduction to Computer Systems	3
4	ENG-101	Foundation English	3
5	MTH-101	Mathematics-I (Differential and Integral Calculus)	3
		Total Credit =	**13.5**
		1st Year 2nd Semester (Batch - 29)	
		2nd Semester (Regulation 2023)	
SL No	**Course Code**	**Course Title**	**Credit**
1	CHM-101	Chemistry	3
2	PHY-101	Physics	3
3	PHY-102	Physics Sessional	1.5
4	CSE-123	Discrete Mathematics	3
5	EEE-101	Introduction to Electrical Engineering	3
6	EEE-102	Introduction to Electrical Engineering Sessional	1.5
7	MTH-103	Mathematics-II (Ordinary and Partial Differential Equations)	3
		Total Credit =	**18**
		1st Year 3rd Semester (Batch - 28)	
		3rd Semester (Regulation 2023)	
SL No	**Course Code**	**Course Title**	**Credit**
1	CSE-131	Data Structures	3
2	CSE-132	Data Structures Sessional	1.5
3	CSE-133	Numerical Methods	3
4	ACT-201	Financial & Managerial Accounting	3
5	MTH-105	Mathematics-III (Matrices, Vector Analysis and Fourier Series)	3
6	EEE-103	Electronics Device and Circuits	3
7	EEE-104	Electronics Device and Circuits Sessional	1.5
		Total Credit =	**18**
		2nd Year 1st Semester (Batch - 27)	
		4th Semester (Regulation 2023)	
SL No	**Course Code**	**Course Title**	**Credit**
1	MTH-207	Mathematics-IV (Complex Variable and Laplace Transform)	3
2	CSE-211	Object Oriented Programming Language	3
3	CSE-212	Object Oriented Programming Language Sessional	1.5
4	CSE-213	Digital Logic Design	3
5	CSE-214	Digital Logic Design Sessional	1.5
6	EEE-201	Electronics Drives and Instrumentation	3
7	EEE-202	Electronics Drives and Instrumentation Sessional	1.5
		Total Credit =	**16.5**
		2nd Year 2nd Semester (Batch - 26)	
		5th Semester (Regulation 2023)	
SL No	**Course Code**	**Course Title**	**Credit**
1	CSE-221	Algorithms	3
2	CSE-222	Algorithms Sessional	1.5
3	CSE-223	Database Management Systems	3
4	CSE-224	Database Management Systems Sessional	1.5
5	MTH-221	Mathematics-V (Statistics and Coordinate Geometry)	3
6	CSE-344	Advanced Object Oriented Programming Sessional	1.5
		Total Credit =	**13.5**
		2nd Year 3rd Semester (Batch - 25)	
		6th Semester (Regulation 2023)	
SL No	**Course Code**	**Course Title**	**Credit**
1	CSE-231	Operating Systems	3
2	CSE-232	Operating Systems Sessional	1.5
3	CSE-233	System Analysis and Design	3
4	CSE-234	System Analysis and Design Sessional	1.5
5	CSE-235	Computer Architecture	3
		Total Credit =	**12**
		3rd Year 1st Semester (Batch - 24)	
		7th Semester (Regulation 2023)	
SL No	**Course Code**	**Course Title**	**Credit**
1	CSE-313	Microprocessor and Microcontroller	3
2	CSE-314	Microprocessor and Microcontroller Sessional	1.5
3	CSE-311	Artificial Intelligence	3
4	CSE-312	Artificial Intelligence Sessional	1.5
5	CSE-317	Data Communication	3
6	CSE-315	Theory of Computing	3
		Total Credit =	**15**
		3rd Year 2nd Semester (Batch - 23)	
		8th Semester (Regulation 2022)	
SL No	**Course Code**	**Course Title**	**Credit**

1	CSE-323	Compiler	3
2	CSE-324	Compiler Sessional	1.5
3	CSE-321	Software Engineering	3
4	CSE-322	Software Engineering Sessional	1.5
5	CSE-325`	Digital System Design	3
6	CSE-326	Digital System Design Sessional	1.5
7	ECO-201	Engineering Economics	3
		Total Credit =	**16.5**

3rd Year 3rd Semester (Batch - 22)
9th Semester (Regulation 2022)

SL No	Course Code	Course Title	Credit
1	CSE-331	Computer Network	3
2	CSE-332	Computer Network Sessional	1.5
3	CSE-335	Computer Graphics	3
4	CSE-336	Computer Graphics Sessional	1.5
5	CSE-341	VLSI Design	3
6	CSE-342	VLSI Design Sessional	1.5
		Total Credit =	**13.5**

4th Year 1st Semester (Batch - 21)
10th Semester (Regulation 2022)

SL No	Course Code	Course Title	Credit
1	CSE-459	Internet of Things	3
2	CSE-417	Project Management	3
3	CSE-447	Network Security	3
		Total Credit =	**9**

4th Year 2nd Semester (Batch - 20)
11th Semester (Regulation 2012)

SL No	Course Code	Course Title	Credit
1	MGT-201	Industrial and Operational Management	3
2	CSE-429	Web Programming	3
3	CSE-400	Project & Thesis*(Pre-defense)	3
		Total Credit =	**9**

4th Year 3rd Semester (Batch - 19)
12th Semester (Regulation 2012)

SL No	Course Code	Course Title	Credit
1	CSE-453	Digital Image Processing	3
2	CSE-400	Project & Thesis (Defense)	3
		Total Credit =	**6**

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