



Tri-Semester

Spring : January - April

Summer : May - August

Fall : September - December



Daffodil International University

Permanent Campus:

Datta Para, Ashulia, Savar, Dhaka,
Cell : 01833102806, 01847140068.

Main Campus:

Daffodil Tower, 4/2, Sohbanbag, Mirpur Road, Dhanmondi, Dhaka,
Tel : 48111639, 48111670, 9128705
Cell : 01841493050, 01847140094, 01847140095
01847140096, 01713493039, 01713493051

Uttara Admission Office:

House # 4 & 6, Road # 7, Sector # 3, Uttara, Dhaka.
Tel : 58954660, 58952010
Cell : 01713493141, 01811458841.

B.Sc. in Computer Science and Engineering

Daffodil
International
University

Effective from
Fall 2017

Apply Online
<http://www.admission.daffodilvarsity.edu.bd>
www.daffodilvarsity.edu.bd

Aims

The B.Sc. Program in Computer Science & Engineering (CSE) is designed to produce skilled graduates in the field to satisfy the growing demands of computer engineering graduates in home and abroad. It provides the students an opportunity to obtain broad knowledge of Computer Science, Computer Engineering with freedom to tailor the program according to the student's individual needs.

Eligibility for Admission

Students having minimum 2.5 GPA both in SSC/Dakhil/Vocational and HSC/Alim/Vocational from Science group with minimum 'C' grade in Physics, Mathematics may apply for admission. Students completing five O-level subjects and at least two A-level subjects may apply. Out of these 7 subjects applicants must have minimum 4 'B' grade 3 'C' grade. The applicants must have Physics and Mathematics both at O-level and A-level.

Credit Requirement and Duration of the Program

To obtain B.Sc. in Computer Science and Engineering, students will have to complete 148 credits with at least GPA 2.5. If any student fails in any course, she/he will get opportunity to improve the grade by retaking the same in the subsequent semesters. The program having 12 semesters normally extends over four academic years.

Students willing to obtain a Bachelor of Science in Computer Science and Engineering will have to follow the general guidelines of degree requirements of the university.



Total Cost of B.Sc in CSE Program

Items of the Fees:	Amount
Admission Fee	15,000
Library Fee	3,000
Rover Scout & BNCC Fee	1,000
Student Smart Card (In Balance 200 TK)	1,000
Student Life Insurance	1,600
Tuition Fee for Theoretical (General Course (38 cr hr @ Tk. 3,200)	121,600
Tuition Fee for Theoretical (Core Course (87 cr hr @ Tk. 4,000)	348,000
Tuition Fee for Laboratory Credit (17 cr hr @ Tk. 5,000)	85,000
Lab Fee (12 Semesters @ Tk. 2,000)	24,000
Semester Fee (12 Semesters @ Tk. 5,500)	66,000
Development Fee (12 Semesters @Tk. 4,500)	54,000
Extracurricular Activities Fee (12 Semesters @Tk. 1,500)	18,000
Project Fee (6 Cr. Hr.)	19,200
Total payable (for 148 credits)	757,400

While taking admission, a student has to pay a total of Tk. 35,100/- which includes the following fees:

Items of the Installment:	Tk.
Admission Fee	15,000
Library Fee	3,000
Rover Scout & BNCC Fee	1,000
Student Smart Card (In Balance 200 TK)	1,000
Student Life Insurance	1,600
Semester Fee	5,500
Development Fee	4,500
Laboratory Fee	2,000
Extra Curricular Activities Fee	1500
Total Fee during admission	35,100

SEMESTER WISE FEES

Credit Hours	Total Payable	Registration Fee	Before Mid-Term Examination	Before Final Examination
Semester 1 (Level-1, Term-1)	75,900	35,100 Admission & Registration fee	20400	20400
Semester 2 (Level-, Term-2)	64,300	13500	25400	25400
Semester 3 (Level-1, Term-3)	69,100	13500	27800	27800
Semester 4 (Level-2, Term-1)	66,700	13500	26600	26600
Semester 5 (Level-2, Term-2)	57,100	13500	21800	21800
Semester 6 (Level-2, Term-3)	66,500	13500	26500	26500
Semester 7 (Level-3, Term-1)	57,100	13500	21800	21800
Semester 8 (Level-3, Term-2)	64,100	13500	25300	25300
Semester 9 (Level-3, Term-3)	60,900	13500	23700	23700
Semester 10 (Level-4, Term-1)	64,500	13500	25500	25500
Semester 11 (Level-4, Term-2)	64,100	13500	25300	25300
Semester 12 (Level-4, Term-3)	47,100	13500	16800	16800

1st SEMESTER: Level-1 Term-1

Course Code	Course Title	Credit Hours
CSE-112	Computer Fundamentals	3
MAT-111	Mathematics-I: Differential and Integral Calculus	3
ENG-113	Basic Functional English and English Spoken	3
PHY-113	Physics-I: Mechanics, Heat & Thermodynamics, Waves & Oscillation, Optics	3
	Total	12

2nd SEMESTER: Level-1 Term-2

Course Code	Course Title	Credit Hours
MAT-121	Mathematics-II: Complex Variable, Linear Algebra and Coordinate Geometry/Mathematics-I: Differential and Integral Calculus	3
CSE-122	Programming and Problem Solving	3
CSE-123	Problem Solving Lab	1
PHY-123	Physics-II: Electricity, Magnetism and Modern Physics	3
PHY-124	Physics-II Lab	1
ENG-123	Writing and Comprehension	3
	Total	14

3rd SEMESTER: Level-1 Term-3

Course Code	Course Title	Credit Hours
CSE-131	Discrete Mathematics	3
CSE-132	Electrical Circuits	3
CSE-133	Electrical Circuits Lab	1
CSE-134	Data Structure	3
CSE-135	Data Structure Lab	1
MAT-131	Ordinary and Partial Differential Equations	3
	Total	14

4th SEMESTER: Level-2 Term-1

Course Code	Course Title	Credit Hours
MAT-211	Engineering Mathematics	3
CSE-212	Digital Electronics	3
CSE-213	Digital Electronics Lab	1
CSE-214	Object Oriented Programming	3
CSE-215	Object Oriented Programming Lab	1
GED-201	Bangladesh Studies	3
	Total	14

5th SEMESTER: Level-2 Term-2

Course Code	Course Title	Credit Hours
CSE-221	Algorithms	3
CSE-222	Algorithms Lab	1
STA-133	Statistics and Probability	3
CSE-224	Electronic Devices and Circuits	3
CSE-225	Electronic Devices and Circuits Lab	1
	Total	11

6th SEMESTER: Level-2 Term-3

Course Code	Course Title	Credit Hours
CSE-231	Microprocessor and Assembly Language	3
CSE-232	Microprocessor and Assembly Language Lab	1
CSE-233	Data Communication	3
CSE-234	Numerical Methods	3
CSE-235	Introduction to Bio-Informatics	3
	Total	13

7th SEMESTER: Level-3 Term-1

Course Code	Course Title	Credit Hours
CSE-311	Database Management System	3
CSE-312	Database Management System Lab	1
CSE-313	Computer Networks	3
CSE-314	Computer Networks Lab	1
ECO-314	Economics	3
	Total	11

8th SEMESTER: Level-3 Term-2

Course Code	Course Title	Credit Hours
CSE-321	System Analysis and Design	3
CSE-322	Computer Architecture and Organization	3
CSE-323	Operating Systems	3
CSE-324	Operating Systems Lab	1
GED-321	Art of Effective Living	3
	Total	13

9th SEMESTER: Level-3 Term-3

Course Code	Course Title	Credit Hours
CSE-331	Compiler Design	3
CSE-332	Compiler Design Lab	1
CSE-333	Software Engineering	3
CSE-334	Wireless Programming	3
ACT-301	Financial and Managerial Accounting	2
	Total	12

10th SEMESTER: Level-4 Term-1

Course Code	Course Title	Credit Hours
CSE-412	Artificial Intelligence	3
CSE-413	Artificial Intelligence Lab	1
CSE-414	Simulation and Modelling	3
CSE-415	Simulation and Modelling Lab	1
CSE-417	Web Engineering	3
CSE-418	Web Engineering Lab	1
	Total	12

11th SEMESTER: Level-4 Term-2

Course Code	Course Title	Credit Hours
CSE-421	Computer Graphics	3
CSE-422	Computer Graphics Lab	1
CSE-423	Embedded Systems	3
CSE-XXX	Elective I	3
CSE-499	Project / Internship (Phase I, to be completed in Level-4 Term-3)	3
	Total	13

12th SEMESTER: Level-4 Term-3

Course Code	Course Title	Credit Hours
CSE-498	Social and Professional Issues in Computing	3
CSE-XXX	Elective II	3
CSE-499	Project / Internship (Phase II, continued from Level 4 Term 2)	3
	Total	9