

Academic Rules & Instructions

Registration:

01. Students must register for the courses they wish to attend. Without registration no one is allowed to attend classes.
02. Students may register for 9-12 credits (maximum 4 courses) in a semester. However, a student may take 5 courses, if the conditions are met and the advisor approves it.
03. The optimum size of each class is 50 students. A section may not be offered if less than 15 students enroll for it.
04. A registered student must be paid their tuition fees within the specified deadline, as indicated in the “**tuition fees payment structure**”. Failure to confirm registration by the deadline will result a student to be barred from attending classes.
05. No subject will be allowed together with internship program. Students having **CGPA 3.300** and above may be allowed to take project paper instead of internship program by the respective advisor.
06. Section change within the same course is not allowed once the semester begins.

Examination:

07. The Schedule for the midterm and the final examinations is provided with the booklet (**Registration Package**). It is student’s responsibility to select courses in a way so that those match with class and examination schedule.
08. Special mid-term will be allowed only for medical ground or unavoidable circumstances. The students must apply to the Vice-Chancellor through Head of the Department for special midterm exam. Decision to be given by honorable Vice-Chancellor. A fee of TK.2000/- per course will be charged for special midterm examination.
09. Students may be allowed to seat for special final exam on humanitarian ground, if the Head/Coordinator feels appropriate, the application is to be submitted with supporting documents to the ACAD within 07 days of the completion of exam for the approval of Controller of Examination. A fee of TK.2000/- per course will be charged for special final examination.
10. A student is required to attend 70% classes to be eligible to sit for the semester final examination on a particular course. However, if a student attains 50% to less than 70% classes attendance, s/he can still attend final examination with a fine of Tk. 1000/- for each course after being permitted by respective Dean/Head.
11. Students attaining less than 50% attendance shall not be allowed to sit for final exam.
12. Students having zero attendance shall not be allowed to sit for mid-term examination except being permitted by the Vice Chancellor

Academic Dismissal:

13. A student will be dismissed from university if his/her GPA fall **below 2.00** for consecutive 3 semesters, or gets F,X,Y grades in fourth attempts, or breach any of the university regulations.

Semester Leave:

14. A registered student who requires semester leave on valid ground must obtain permission before the commencement of the semester. The length of leave is a maximum of two semesters. The student taking semester leave must pay TK.1000/- as semester leave fee.

Semester Drop:

15. A registered Student must pay only semester fee of the semester if s/he applies for semester drop within one week of the commencement of the semester in consent of their Guardians/Parents, after this time limit and before midterm exam, Student must pay 50% of total tuition fees and after midterm exam s/he is liable to pay 100% of total payable amount for that particular semester.

Course Improvement/Retake:

16. i) For an ‘F’ grade & Improvement of any grade the course must be repeated within the next 3(three) consecutive semesters but pre- requisite course/s must be repeated on priority basis.
ii) As for the improvement of grade of any course, the incumbent student may be allowed to repeat for improvement of that course only once if s/he earns up to ‘A-’ grade. It must be taken within the next 3 (three) consecutive semesters.
17. Students are required to complete total credits of the program.

Disclaimer:

The authority reserves all the rights to change, add, and/or cancel anything in the registration information booklet including academic calendar, class routine, exams schedule, and course offering.

Academic Calendar Spring 2019

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| <input type="checkbox"/> Registration Date (by student portal) | : December 01 to December 10, 2018 |
| <input type="checkbox"/> Semester Begins | : January 15, 2019 |
| <input type="checkbox"/> Add-drop courses if needed (Section change is not allowed)
<i>(Prerequisite Incomplete & Last semester students)</i> | : January 15 to January 26, 2019 |
| <input type="checkbox"/> Deadline for Payment to Confirm Registration
<i>(Payment should be minimum of 40% of the total tuition fees)</i> | : January 27, 2019 |
| <input type="checkbox"/> Late Registration with Tk. 1000/- fine
<i>(Less than 40% payment will be treated as late registration)</i> | : January 29, 2019 |
| <input type="checkbox"/> Deadline for Semester Drop
<i>(Filled the Prescribe Form available in ACAD)</i> | : January 28, 2019 |
| <input type="checkbox"/> Class and Exam Schedule: | |
| I) Class Duration before Mid-Term | : January 15 to February 23, 2019 |
| II) Mid-Term Examinations | : February 24 to March 05, 2019 |
| III) Class Duration before Final | : March 06 to April 22, 2019 |
| IV) Final Examinations | : April 23 to May 02, 2019 |
| <input type="checkbox"/> Publication of Results | : May 09, 2019 |
| <input type="checkbox"/> “Students must complete Teaching Efficiency Rating (TER) before the final exams. If any student fails to fill up TER Form, his/ her results will remain withheld automatically.” | |

Tuition Fees Payment Structure

Option 1	Option 2 (Pay in Installments)	Payment Date
Pay 100% of the semester tuition and other fees at the time of registration Otherwise use option 2 →	<u>Installment 1: (Within one week of class starts)</u> ➤ Pay minimum 40% of the semester tuition and other fees. ➤ If fails a student will be fined Tk.1000/= to be paid within one week after expiry of deadline.	January 27, 2019
	<u>Installment 2: (Before Mid Term Exam)</u> ➤ Pay minimum 30% of the rest of the semester tuition fees. ➤ Failure to pay as specified, a student will be fined Tk.1000/=	February 23, 2019
	<u>Installment 3: (Before Final Exam)</u> ➤ Pay remaining balance of the semester tuition fees. ➤ Failure to pay as specified, a student will be barred from attending Final Examinations.	April 22, 2019

Note:

1. Once a student registers for the Semester, s/he is liable to pay 100% tuition fees for that particular Semester.
2. Above rules supersedes all previous rules.

Offering of the Courses for the program of Bachelor of Science in Computer Science and Engineering (CSE): Spring-2019(Day)

Sec.	Course Code	Course Title	Cr. Hr.	Pre-Requisite	Semester	Course Instructor
A	MATH 1101	Mathematics I(Differential Calculus and Integral Calculus)	3.00		2 nd	
	PHY 1201	Physics-I (Heat and Thermodynamics Structure)	3.00			
	PHY 1303	Physics Lab Work	1.00			
	CSE 1102	Structured Programming Language	3.00			
	CSE 1157	Structured Programming Language Lab	1.00			
	GED 2107	World History and Civilization	3.00			
	ENG 1102	English Language-II : Listening & Speaking	3.00			
		Total Credit:	17.00			
A	MATH 1302	Mathematics II(Differential Equation & Fourier Analysis).	2.00	MATH 1101	3 rd	
	CSE 2111	Data Structure	3.00	CSE 1102		
	CSE 2162	Data Structure Lab	1.00	CSE 1102		
	CSE 1205	Electrical Engineering & Circuit Analysis	3.00			
	CSE 1259	Electrical Engineering & Circuit Analysis Lab	1.00			
	CSE 1258	Discrete Mathematics	3.00			
	CSE 1290	Software Development I	1.00	CSE 1102		
		Total Credit:	14.00			
A + B	CSE 2215	Digital logic Design	3.00	CSE 1205	4 th	
	CSE 2265	Digital logic Design Lab Work	1.00	CSE 1205		
	CSE 2109	Electronic Engineering	3.00			
	CSE 2161	Electronic Engineering Lab	1.00			
	CSE 1307	Object Oriented Programming I(C++)	3.00	CSE 1102		
	CSE 1360	Object Oriented Programming I(C++) Lab	1.00	CSE 1157		
	MATH 2103	Mathematics-III (Matrices, Vector & Coordinate Geometry)	3.00	MATH 1302		
		Total Credit:	15.00			
A	CSE 3168	Numerical Methods	3.00	CSE 2111	5 th	
	CSE 3186	Numerical Methods Lab	1.00	CSE 2111		
	CSE 3124	Microprocessor and Assembly Language	3.00	CSE 2215		
	CSE 3171	Microprocessor and Assembly Language Lab	1.00	CSE 2215		
	CSE 2263	Algorithm Design and Analysis	3.00	CSE 1102 CSE 2111		
	CSE 2264	Algorithm Design and Analysis Lab Works	1.00			
	HUM 1301	Economics	2.00			
	MATH 2204	Mathematics IV (Complex Variable & Laplace Transformation)	2.00	MATH 1302		
		Total Credit:	16.00			
A	CSE 2263	Algorithm Design & Analysis	3.00	CSE 1102 CSE 2111	6 th	
	CSE 2264	Algorithm Design & Analysis Lab	1.00			
	CSE 3227	Data Communication	3.00	MATH2204 CSE 2215		
	MATH 2305	Mathematics V (Statistics and Probability)	2.00	MATH 2103		
	HUM 3302	Financial and Managerial Accounting	2.00			
	CSE 3170	Computer Architecture	3.00	CSE 2215		
	CSE 3187	Computer Architecture Lab.	1.00			
		Total Credit:	15.00			

A	CSE 2319	Database Management System	3.00	CSE 2111 CSE 2263	7 th	
	CSE 2367	Database Management System Lab	1.00			
	CSE 4349	Management Information System	2.00			
	ME 4102	Industrial Management	2.00			
	CSE 3230	Software Engineering	3.00	CSE 2319		
	CSE 3333	Object-Oriented Programming-II(Java)	3.00	CSE 1307		
	CSE 3374	Object-Oriented Programming-II Lab Work	1.00			
		Total Credit:	15.00			
A	CSE 2291	Software Development II	1.00	CSE 1290	8 th	
	CSE 3226	Mathematical Analysis for computer Science	3.00	MATH 2305		
	CSE 3331	Operating Systems	3.00	CSE 2263, CSE 1102		
	CSE 3373	Operating System Lab Works	1.00			
	CSE 3169	Theory of Computation	3.00			
		Total Credit:	11.00			
A	CSE 4136	Computer Networks	3.00	CSE 2263, CSE 3227	9 th	
	CSE 4176	Computer Networks Lab Works	1.00			
	CSE 3228	Compiler Design	3.00	CSE 3169		
	CSE 3272	Compiler Design Lab Works	1.00			
	CSE 3292	Software Development-III(Web Programming)	1.00			
	CSE 3331	Operating Systems	3.00	CSE 2263		
	CSE 3373	Operating System Lab Works	1.00			
		Total Credits	13.00			
A	CSE 4355	Artificial Intelligence and Expert Systems	3.00	CSE 2263, CSE 1102	10 th	
	CSE 4385	Artificial Intelligence and Expert Systems Lab Works	1.00			
	CSE 4389	Field Works (Industrial Training)	1.00			
	CSE 2317	Digital Electronics and Pulse Technique	3.00			
	CSE 2366	Digital Electronics and Pulse Technique Lab Works	1.00			
	CSE 3375	Communication Engineering	3.00	CSE 3227		
		Total Credits	12.00			
A	CSE 4000	Project and Thesis	4.00		11 th & Above	
	CSE 4389	Field Works (Industrial Training)	1.00			
	CSE 3292	Software Development III (Web Programming)	1.00	CSE 2291		
		Total Credit:	6.00			

Exam Routine of Mid & Final Examination, Spring 2019

Day	First Slot	Second Slot
Day 1	<p>GED 2107 : World History and Civilization (2)</p> <p>CSE 3227: Data Communication (6)</p> <p>CSE 2109 : Electronic Engineering (4)</p>	<p>MATH 2204: Mathematics IV (Complex Variable & Laplace Transformation) (5)</p> <p>CSE 4136: Computer Networks (9)</p> <p>CSE 2319: Database Management System (7)</p>
Day 2	<p>CSE 2111: Data Structure (3)</p> <p>CSE 3226: Mathematical Analysis for computer Science(8)</p> <p>CSE 4355: Artificial Intelligence and Expert Systems (10)</p>	<p>CSE 1102 : Structured Programming Language (2)</p> <p>HUM 3302 : Financial & Managerial Accounting (6)</p> <p>CSE 3230: Software Engineering (7)</p>
Day 3	<p>CSE 1307: Object Oriented Programming I(C++) (4)</p> <p>ENG 1102: English Language-II : Listening & Speaking (2)</p> <p>CSE 3124: Microprocessor and Assembly Language (5)</p>	<p>CSE 3333 : Object-Oriented Programming-II (Java) (7)</p> <p>CSE 3228: Compiler Design (9)</p>
Day 4	<p>CSE 2263: Algorithm Design & Analysis (6),(5)</p> <p>CSE 3331: Operating Systems(8), (9)</p>	<p>CSE 1205 : Electrical Engineering & Circuit Analysis (3)</p> <p>ME 4102: Industrial Management(7)</p>
Day 5	<p>CSE 3375: Communication Engineering (10)</p> <p>MATH 1101: Mathematics I (Differential Calculus and Integral Calculus) (2)</p>	<p>CSE 2215: Digital logic Design (4)</p>
Day 6	<p>CSE 1258: Discrete mathematics (3)</p> <p>CSE 3170: Computer Architecture (6)</p>	<p>HUM 1301: Economics (5)</p> <p>CSE 4349 : Management Information System (7)</p>
Day 7	<p>MATH 2103: Mathematics-III (Matrices, Vector & Coordinate Geometry) (4)</p> <p>CSE 3169: Theory of Computation(8)</p>	<p>PHY 1201 : Physics-I (Heat and Thermodynamics Structure) (2)</p> <p>CSE 2317: Digital Electronics and Pulse Technique (10)</p>
Day 8	<p>MATH 2305: Mathematics V (Statistics and Probability) (6)</p> <p>CSE 3168: Numerical Methods (5)</p>	<p>MATH 1302: Mathematics II(Differential Equation &Fourier Analysis) (3)</p>

Northern University Bangladesh
Department of CSE (Day)
Student's Advisor List, Spring 2019

SL	Faculty Name	Faculty ID	Student's ID Range
01	Md. Raihan-Ul-Masood	NUB1007485	All New Students (Spring 2019)
02	Md. Ruhul Amin	NUB1108626	CSE180101176 – CSE180101234
03	Goutom Paul	NUB9131197	CSE110300653 – CSE150100869
04	Zakia Afrin	NUB9151369	CSE150200872 – CSE160100931
05	Marjuka Ferdousi Lazin	NUB01171541	CSE170101041 – CSE170101109
06	Md. Siamul Karim Khan	NUB05171566	CSE160200994 - CSE160301040
07	Shahid Ishraq	NUB01181670	CSE180201240 – CSE180301290
08	Ms. Kh. Ashrafi Akbar	NUB05181692	CSE160100932 - CSE160100989
09	Tasnim Akter	NUB09181708	CSE170201111 - CSE170301157
10	Sarah Tabassum	NUB09181709	CSE180101158 – CSE180101175

Md. Raihan Ul Masood
Assistant Professor and Head
Department of CSE

Md. Ruhul Amin
Assistant Professor and Coordinator
Department of CSE