



**NORTH SOUTH UNIVERSITY**  
THE FIRST PRIVATE UNIVERSITY IN BANGLADESH  
ESTABLISHED BY THE NORTH SOUTH UNIVERSITY FOUNDATION  
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*Office of the Controller of Examinations*

Summer 2019		VERSE	U.SOUTHSIDE	TY NOR	TH UTH					
Course	Course Title	ORTH S	ORTH S	ORTH S	ORTH S	ORTH S	Cr.	Gr.	CC	CP
CSE115	Programming Language I	ORTH S	ORTH S	ORTH S	ORTH S	ORTH S	3.0	A	3.0	3.0
CSE115L	Programming Language I Lab	ORTH S	ORTH S	ORTH S	ORTH S	ORTH S	1.0	A	1.0	1.0
ENG102	Introduction to Composition	ORTH S	ORTH S	ORTH S	ORTH S	ORTH S	3.0	A	3.0	3.0
MAT116	Pre-Calculus	ORTH S	ORTH S	ORTH S	ORTH S	ORTH S	3.0	A	0.0	3.0
Semester Credit	7.000RSI	ORTH S	TGPA	4.00	NORTHSIDE	UTH UTH				CGPA - 4.00

Semester	Credit	1.00	ST	1RHS	TGPA	4.00	NORTH	SOUTH	CGPA	4.00		
Fall 2019	SO	VERSI	Y	Y	Y	Y	ENQ	ENQ	Cr.	Gr.	CC	CP
Course	Course Title	601	Y	Y	SOUTH	UNPA	Y	NOR	TH UNP			
CSE113	Discrete Mathematics	701	Y	Y	SOUTH	UNPA	Y	NOR	TH UNP	3.0	A	3.0 3.0
EEE154	Engineering Drawing	701	Y	Y	SOUTH	UNPA	Y	NOR	TH UNP	1.0	A	1.0 1.0
ENG103	Intermediate Composition	701	Y	Y	SOUTH	UNPA	Y	NOR	TH UNP	3.0	B+	3.0 3.0
MAT120	Calculus and Analytic Geometry-I	701	Y	Y	SOUTH	UNPA	Y	NOR	TH UNP	3.0	A	3.0 3.0
Semester Credit : 10.00	ST	1RHS	TGPA	3.79	NORTH	SOUTH	NORTH	SOUTH				CGPA : 3.88
GH SO	VERSI	Y	Y	SOUTH	NORTH	SOUTH	NORTH	SOUTH				

Spring 2020		TERM	TH SOUTHS	TYNOR	TH UNI	Cr.	Gr.	CC	CP
Course #	Course Title	RTH SOUTHS	TYNOR	TH UNI	Cr.				
CHE101	General Chemistry	RTH SOUTHS	TYNOR	TH UNI	3.0	A	3.0	3.0	
CHE104L	General Chemistry Lab	RTH SOUTHS	TYNOR	TH UNI	1.0	A-	1.0	1.0	
CSE215L	Programming Language II	RTH SOUTHS	TYNOR	TH UNI	3.0	A	3.0	3.0	
CSE215L	Programming Language II Lab	RTH SOUTHS	TYNOR	TH UNI	1.0	A	1.0	1.0	
MAT130	Calculus and Analytic Geometry-II	RTH SOUTHS	TYNOR	TH UNI	3.0	A-	3.0	3.0	
Semester Credit : 11.00	ST	TH SOUTHS	TGPA : 3.89	TH UNI					CGPA : 3.88

<b>Summer 2020</b>	<b>VERS1</b>	<b>VERS1</b>	<b>I/H SOUTH1</b>	<b>TYNOR</b>	<b>TH UNI</b>
<b>Course I/S</b>	<b>Course Title</b>	<b>CRITHS</b>	<b>HUNIV</b>	<b>TYNOR</b>	<b>TH UNI</b>
BEN205	Bengali language and Literature	SD	SD	TYNOR	TH UNI
MAT125	Introduction to Linear Algebra	SD	SD	TYNOR	TH UNI
PHI104	Introduction to Ethics	SD	SD	TYNOR	TH UNI
PHY107	General Physics-I	TH SC	TH UNIVE	TYNOR	TH UNI
Semester Credit : 12.00 S1				CGPA : 3.33	
<i>TH S1</i>				<i>THGPAs</i> : 3.33	
<i>THGPAs</i> : 3.72					

Semester Credit : 12.00	ST	TH	SAT	GP	CGPA
Semester Credit : 12.00	ST	TH	SAT	GP	CGPA
<b>Spring 2021</b>					
<b>Course ID</b>	<b>Course Title</b>	<b>TERM</b>	<b>ORTHSOUTH</b>	<b>TYNOR</b>	<b>THUNI</b>
CSE231	Digital Logic	WINTER	ORTHSOUTH UNIV	TYNOR	THUNI
CSE311	Database Management System	WINTER	ORTHSOUTH UNIV	TYNOR	THUNI
MAT361	Probability and Statistics	WINTER	ORTHSOUTH UNIV	TYNOR	THUNI
SOC101	Introduction to Sociology	WINTER	ORTHSOUTH UNIV	TYNOR	THUNI
Semester Credit : 12.00	ST	TH	SAT	GP	CGPA
12.00	WINTER	ORTHSOUTH	ORTHSOUTH	3.65	CGPA : 3.73

Summer 2021										
Course #	Course Title	SEMESTER	UNIV	ENROR	THUNI	THUNI	Cr.	Gr.	CC	CP
CSE332	Computer Organization and Architecture	SEMESTER	UNIV	ENROR	THUNI	THUNI	3.0	A	3.0	3.0
CSE425	Concepts of Programming Language	SEMESTER	UNIV	ENROR	THUNI	THUNI	3.0	A	3.0	3.0
ECO101	Introduction to Microeconomics	SEMESTER	UNIV	ENROR	THUNI	THUNI	3.0	C	0.0	0.0
ENG111	Public Speaking	SEMESTER	UNIV	ENROR	THUNI	THUNI	3.0	B+	3.0	3.0
MAT350	Engineering Mathematics	SEMESTER	UNIV	ENROR	THUNI	THUNI	3.0	B+	3.0	3.0
Semester Credit : 12.00				TGPA : 3.65				CGPA : 3.72		

**Controller of Examinations**

Controller of Examinations

Official Transcript	25 Sep 2023
Student Name	: Akmmam Hasan
Student ID	: 1911192 0 42
Date of Birth	: 26 Feb 2000
Degree Objective	: Bachelor of Science in Computer Science and Engineering

Fall 2021					
Course	Course Title	Cr.	Gr.	CC	CP
BIO103L	Biology I Lab	1.0	A	1.0	1.0
CSE323	Operating Systems Design	3.0	A-	3.0	3.0
CSE327	Software Engineering	3.0	B	3.0	3.0
EEE141	Electrical Circuits	3.0	A	3.0	3.0
EEE141L	Electrical Circuits Lab	1.0	A-	1.0	1.0
HIS103	Emergence of Bangladesh	3.0	B+	3.0	3.0
Semester Credit: 14.00		TGPA : 3.55		CGPA : 3.69	

Spring 2022		CGPA : 3.69			
Course	Course Title	Cr.	Gr.	CC	CP
CSE299	Junior Design	1.0	B+	1.0	1.0
CSE373	Design and Analysis of Algorithms	3.0	B-	3.0	3.0
ECO101	Introduction to Microeconomics	3.0	A	3.0	3.0
EEE452	Engineering Economics and Management	3.0	A-	3.0	3.0
HIS102	Introduction to World Civilization	3.0	B+	3.0	3.0
PHY108	General Physics-II	3.0	B+	3.0	3.0
Semester Credit : 16.00	TGPA : 3.39				CGPA : 3.65

Summer 2022		CGPA : 3.55	CGPA : 3.65		
Course	Course Title	Cr.	Gr.	CC	CP
CSE331	Microprocessor Interfacing & Embedded System	3.0	A-	3.0	3.0
CSE445	Machine Learning	3.0	B	3.0	3.0
EEE111	Analog Electronics	3.0	B	3.0	3.0
EEE111L	Analog Electronics Lab	1.0	B+	1.0	1.0
PHY108L	General Physics-II Lab	1.0	A-	1.0	1.0
Semester Credit : 11.00		TGPA : 3.28		CGPA : 3.61	

Semester	Credit	TGPA	CGPA
Fall 2022			
Course	Course Title	Cr.	Gr. CC CP
CSE273	Introduction to Theory of Computation	3.0	B 0.0 0.0
CSE465	Pattern Recognition	3.0	A- 3.0 3.0
CSE498R	Intern/Co-op/Directed Research	0.0	W 0.0 0.0
CSE499A	Senior Design Project I	1.5	A- 1.5 1.5
PHY107L	Physics I Lab	1.0	B+ 1.0 1.0
Semester CGPA : 3.50		TGPA : 3.62	CGPA : 3.61

Semester Credit : 5.50	TGPA : 3.63	CGPA : 3.61
<b>Spring 2023</b>		
Course	Course Title	Cr. Gr. CC CP
CSE438	Data Communication & Network	3.0 B 3.0 3.0
CSE495	Special Topics	3.0 A 3.0 3.0
CSE498R	Intern/Co-op/Directed Research	0.0 A 0.0 0.0
CSE499B	Senior Design Project II	1.5 A- 1.5 1.5
Semester Credit : 7.50	TGPA : 3.54	CGPA : 3.61

<b>Total Credits Counted</b>	: 130.0
<b>Total Credits Passed</b>	: 133.0
<b>Total Credit with transfer/waiver</b>	: 130.0
<b>Total Grade Points</b>	: 469.0
<b>Cumulative Grade Point Average</b>	: 3.61
<b>Month in which Degree completed</b>	: June 2023

\*\*\*\*\* End of Transcript \*\*\*\*\*

## *Transcript Details*

**Approval:** North South University is approved by the Government of the People's Republic of Bangladesh, and its curricula as well as programs are approved by the University Grants Commission of Bangladesh. The President of the People's Republic of Bangladesh is the Chancellor of North South University. The Vice-Chancellor of North South University is an appointee of the President of the country in his capacity as the Chancellor of the university.

**Medium of Instruction:** English is the officially approved medium of instruction in North South University.

### **Academic Calender:**

#### Trimester System:

Spring: January - April

Summer: May - August

Fall: September - December

#### Semester System:

Spring: January - June

Fall: July - December

**Grading System:** 0.00 to 4.00 point scale letter grades, indicating the quality of course work completed, are interpreted as follows:

Numerical Scores (out of 100)	Letter Grade	Grade Points Per Credit
93 and above	A Excellent	4.0
90 - 92	A-	3.7
87 - 89	B+	3.3
83 - 86	B Good	3.0
80 - 82	B-	2.7
77 - 79	C+	2.3
73 - 76	C Average	2.0
70 - 72	C-	1.7
67 - 69	D+	1.3
60 - 66	D Poor	1.0
Below 60	F Failure	0.0

Credits for courses with the following grades do not apply toward CGPA calculation:

Grades	Meaning	Grade Value
I	Incomplete	0.0
W	Withdrawal	0.0
F	Failure	0.0
X	Research/ Thesis in Process	0.0

### **Term Grade Point Average (TGPA)**

The grade point average of all courses completed within a given trimester/ semester of study.

### **Cumulative Grade Point Average (CGPA)**

The grade point average of all courses completed within a level of study. Final CGPA is calculated excluding 'Courses Waived' and courses with grades marked with I, W, F and X.

- The transcript shows the grade for each course and a cumulative result for all courses for which the student was enrolled in North South University.
- Courses that are waived do not display any grade. They are presented by name and number of credits.
- Credits accepted as transfer from other universities are counted towards degree, except for CGPA calculation.
- CGPA is calculated by dividing Total Grade Points by Total Credits Counted.
- In case of retaken courses, only the better grades are counted in the CGPA calculation but the grade point of the course previously done is shown in the transcript as 0.0.

### **Awards Type:**

Award	CGPA
Gold Medal*	
Summa Cum Laude**	3.80 - 4.00
Magna Cum Laude**	3.65 - 3.79
Cum Laude**	3.50 - 3.64

\* The Chancellor's Gold Medal is for the recipients of the highest CGPA for Undergraduate and Graduate programs. This criterion is valid for the year 2003 and onward.

\*The Vice-Chancellor's Gold Medal is for the recipients of the 2<sup>nd</sup> highest CGPA for Undergraduate and Graduate programs in each school. This criterion is valid for the year 2003 and onward.

\*\*These criteria are valid for the year 2001 and onward.

### **Authenticity:**

- An Official Transcript is printed on security paper with an embossed seal of North South University and signed by the Controller of Examinations of North South University.
- The face of this document has the abbreviated name of the university (NSU) in small green type printed vertically on the left side of the document and it contains a hidden logo of the university at the center, visible on exposure to ultra-violet light.
- A transcript without any of the above details is not an official transcript.
- This transcript cannot be released to a third party without the written consent of the student.

For any concerns, please contact the Office of the Controller of Examinations, North South University, Bashundhara, Dhaka 1229, Bangladesh.

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