

Student ID: 19101196

# **BRAC University**

## 66, MOHAKHALI C/A, DHAKA - 1212. **ACADEMIC TRANSCRIPT**

Undergraduate Program

Program: BACHELOR OF SCIENCE IN COMPUTER



Name : AHMAD	AL ASAD	•	BACHELOR OF SCIENCE IN COMPUTER SCIENCE AND ENGINEERING			
Course No	Course Title			Credits Earned	Grade	Grade Points
SEMESTER :	SPRING 2019					
CSE110	PROGRAMMING LAN	IGUAGE I		3.0	Α	4.0
ENG101	<b>FUNDAMENTALS OF</b>	ENGLISH	3.0	A-	3.7	
MAT110	MATHEMATICS I: DIF	FERENTIAL CAL	CULUS & COORDINAT	E 3.0	Α	4.0
PHY111	PRINCIPLES OF PHY	SICS I		3.0	Α	4.0
SEMESTER	Credits Attempted	12,0	Credits Earned	12.0	GPA	3.93
CUMULATIVE	Credits Attempted	12.0	Credits Earned	12.0	CGPA	3.93 **VC's List
SEMESTER :	SUMMER 2019					La Transport
BNG103	BANGLA LANGUAGE	AND LITERATUR	RE	3.0	B+	3.3
EMB101	<b>EMERGENCE OF BA</b>	NGLADESH		3.0	A-	3.7
ENG102	ENGLISH COMPOSIT	ION I		3.0	Α	4.0
HUM103	ETHICS AND CULTU	RE		3.0	B+	3.3
SEMESTER	Credits Attempted	12.0	Credits Earned	12.0	GPA	3.58
CUMULATIVE	Credits Attempted	24.0	Credits Earned	24.0	CGPA	3.75
SEMESTER:	FALL 2019					
CSE111	PROGRAMMING LAN	IGUAGE-II		3.0	Α	4.0
CSE230	DISCRETE MATHEMA	ATICS		3.0	Α	4.0
MAT120	MATHEMATICS II: IN' EQUATIONS	TEGRAL CALCUL	3.0	Α	4.0	
STA201	ELEMENTS OF STAT	ISTICS AND PRO	BABILITY	3.0	Α	4.0
SEMESTER	Credits Attempted	12.0	Credits Earned	12.0	GPA	4.00
CUMULATIVE	Credits Attempted	36.0	Credits Earned	36.0	CGPA	3.83 **VC's List*
SEMESTER:	SPRING 2020			AND AND STATE OF THE STATE OF T		Mary Mary Control
CSE220	DATA STRUCTURES			3.0	Α	4.0
CSE260	DIGITAL LOGIC DESI			3.0	Α	4.0
MAT216	MATHEMATICS IV: LI	NEAR ALGEBRA	& FOURIER ANALYSIS	3.0	Α	4.0
PHY112	PRINCIPLES OF PHY	SICS II		3.0	Α	4.0
SEMESTER	Credits Attempted	12.0	Credits Earned	12.0	GPA	4.00
CUMULATIVE	Credits Attempted	48.0	Credits Earned	48.0	CGPA	3.88 **VC's List*
SEMESTER:	SUMMER 2020	********				120
CSE221	ALGORITHMS			3.0	Α	4.0
CSE320	DATA COMMUNICATI	ONS ,		3.0	Α	4.0
CSE330	NUMERICAL METHOL	os		3.0	Α	4.0
MAT215	MATHEMATICS III: CO TRANSFORMATIONS	MPLEX VARIABL	3.0	Α	4.0	
SEMESTER	Credits Attempted	12.0.	Credits Earned	12.0	GPA	4.00
CUMULATIVE	Credits Attempted	60.0	Credits Earned	60.0	CGPA	3.90 **VC's List*
SEMESTER:	FALL 2020		10 mg			37
CSE250	CIRCUITS AND ELEC	FRONICS 4		3.0	A+	4.0
CSE331	AUTOMATA AND COM	PUTABILITY		3.0	A+	4.0
CSE340	COMPUTER ARCHITE	3.0	Α	4.0		
CSE370	DATABASE SYSTEMS			3.0	A+	4.0
SEMESTER	Credits Attempted	12,0	Credits Earned	12.0	GPA	4.00
CUMULATIVE	Credits Attempted	72.0	Credits Earned	72.0	CGPA	3.92 **VC's List**

## **BRAC** University

66 Mohakhali, Dhaka – 1212, Bangladesh Tel: +8802222264051-54 Ext- 4087, 4011, 4170, 4162 Fax: +880-2-222286163 email: info@bracu.ac.bd, web: www.bracu.ac.bd

BRAC University is committed to providing high quality education to meet the demands of the modern age. The University is accredited by the Bangladesh University Grants Commission (UGC) and approved by the Ministry of Education, Government of Bangladesh. BRAC University follows a model of higher education, which consists of semester-based courses, credit hours, continuous evaluation, letter grading and grade points. The duration of a semester is 13 working weeks.

Each course is identified by a two-part numbering system. The first part with three letters represents the subject area and the second part with three digits refers to the level of the course. Undergraduate courses are numbered from 100 to 499 and graduate courses are numbered from 500 to 700. Courses numbered with less than 100 are non credit courses.

Fresher (1st Year) courses:	100 - 199
Sophomore (2 <sup>nd</sup> Year) courses:	200 - 299
Junior (3 <sup>rd</sup> Year) courses:	300 - 399
Senior (4 <sup>th</sup> Year and above) courses:	400 - 499

### **Grading System**

The grades at the BRAC University are indicated by letters and notations in the following manner:

07		100	=	A+	(4.0)	Exceptional*		
97	-	100	_	$A^{+}$	` '			
90	-	<97	=	Α	(4.0)	Excellent		
85	-	<90	=	A-	(3.7)		<b>T</b>	- of avadit
80	-	<85	=	B+	(3.3)		Туре	s of credit
75	-	<80	=	В	(3.0)	Good	Blank:	Institutional (BU)
70	-	<75	=	B-	(2.7)		NT:	Credit not allowed
65	-	< 70	=	C+	(2.3)		RP:	Repeated (Credit allowed)
60	-	<65	=	C	(2.0)	Fair	RT:	Retaken (Credit allowed)
57	-	<60	=	C-	(1.7)			
55	-	<57	=	D+	(1.3)			
52	-	<55	=	D	(1.0)	Poor		
50	-	<52	=	D-	(0.7)			
< 50			=	F	(0.0)	Failure		

<sup>\*</sup> A+ grade is introduced from Fall 2020 Semester.

The following grade notations are not part of the GPA computation:

P: Pass

I: Incomplete

W: Withdrawal

### **GPA** Computation

The Grade Point Average (GPA) is computed in the following manner:

# Sum of (Grade points x Credits) GPA = \_\_\_\_\_

Sum of Credits Attempted

## Academic Standing

The transfer of the transfer o			
CGPA	Standing		
2 or more	Satisfactory		
1 to less than 2	Probation		
Less than 1 in 1 <sup>st</sup> Semester or	Unsatisfactory		

#### Requirements for the Bachelors' Degree

For graduation, a student must complete 120 to 199 credits of course work depending on the program in which he/she is enrolled and must maintain a CGPA of 2.00.

THIS TRANSCRIPT IS UNOFFICIAL WITHOUT THE EMBOSSED SEAL OF THE UNIVERSITY AND THE SIGNATURE OF THE DEPUTY CONTROLLER OF EXAMINATIONS.



# **BRAC University**

## 66, MOHAKHALI C/A, DHAKA - 1212. **ACADEMIC TRANSCRIPT**



Student ID: 19101196 Name: AHMAD AL ASAD Undergraduate Program

BACHELOR OF SCIENCE IN COMPUTER SCIENCE AND ENGINEERING Program:

Course No	Course Title			Credits Earned	Grade	Grade Points
SEMESTER :	SPRING 2021			rith with the water was a superior of the second		
BIO101	INTRODUCTION TO	BIOLOGY	10.000	3.0	Α	4.0
CSE251	ELECTRONIC DEVIC	ES AND CIRCUIT	TS	3.0	Α	4.0
CSE341	MICROPROCESSOR			3.0	Α	4.0
CSE420	COMPILER DESIGN			3.0	A+	4.0
CSE423	COMPUTER GRAPH	ICS		3.0	Α	4.0
SEMESTER	Credits Attempted	15.0	Credits Earned	15.0	GPA	4.00
CUMULATIVE	Credits Attempted	87.0	Credits Earned	87.0	CGPA	
COMOLATIVE	Create / ttemptou	•				**VC's List'
SEMESTER:	SUMMER 2021					
CSE321	OPERATING SYSTE	MS	Of Management of the Control of the	3.0	Α	4.0
CSE350	DIGITAL ELECTRON	ICS AND PULSE	TECHNIQUES	3.0	A+	4.0
CSE422	ARTIFICIAL INTELLIC			3.0	Α	4.0
ECO101	INTRODUCTION TO		CS	3.0	A+	4.0
SEMESTER	Credits Attempted	12.0	Credits Earned	12.0	GPA	4.00
CUMULATIVE	Credits Attempted	99.0	Credits Earned	99.0	CGPA	3.94
OOMOLATIVE	Orcano / mompros					**VC's List*
SEMESTER:	FALL 2021					
CHE101	INTRODUCTION TO	CHEMISTRY	3.0	Α	4.0	
CSE460	VLSI DESIGN		3.0	A+	4.0	
CSE461	INTRODUCTION TO F	ROBOTICS	3.0	A+	4.0	
CSE470	SOFTWARE ENGINE	ERING		3.0	Α	4.0
SEMESTER	Credits Attempted	12.0	Credits Earned	12.0	GPA	4.00
CUMULATIVE	Credits Attempted	111.0	Credits Earned	111.0	CGPA	3.95
						**VC's List**
SEMESTER :	SPRING 2022					
ANT101	INTRODUCTION TO A	NTHROPOLOGY	•	3.0	A-	3.7
CSE360	COMPUTER INTERFA	CING		3.0	Α	4.0
CSE471	SYSTEM ANALYSIS A	ND DESIGN		3.0	Α	4.0
SOC101	INTRODUCTION TO S	OCIOLOGY		3.0	A	3.7
SEMESTER	Credits Attempted	12.0	Credits Earned	12.0	GPA	3.85
CUMULATIVE	Credits Attempted	123.0	Credits Earned	123.0	CGPA	3.94
						**Dean's List**
SEMESTER :	SUMMER 2022				Samuel Comment of the	
BUS201	BUSINESS AND HUM	AN COMMUNICAT	TION	3.0	Α	4.0
CSE400	PROJECT & THESIS			4.0	Α	4.0
CSE421	COMPUTER NETWOR	KS .		3.0	A+	4.0
CSE438	APPLIED DATA SCIEN	ICE FOR PRACTI	TIONERS	3.0	A+	4.0
SEMESTER	Credits Attempted	13.0	Credits Earned	13.0	GPA	4.00
CUMULATIVE	Credits Attempted	136.0	Credits Earned	136.0	CGPA	3.94 **VC's List**

Academic Standing : Satisfactory

19 October 2022 Date

**Deputy Controller of Examinations** 

Please Turn Over

## **BRAC** University

66 Mohakhali, Dhaka - 1212, Bangladesh Tel: +8802222264051-54 Ext- 4087, 4011, 4170, 4162 Fax: +880-2-222286163

email: info@bracu.ac.bd, web: www.bracu.ac.bd

BRAC University is committed to providing high quality education to meet the demands of the modern age. The University is accredited by the Bangladesh University Grants Commission (UGC) and approved by the Ministry of Education, Government of Bangladesh. BRAC University follows a model of higher education, which consists of semester-based courses, credit hours, continuous evaluation, letter grading and grade points. The duration of a semester is 13 working weeks.

Each course is identified by a two-part numbering system. The first part with three letters represents the subject area and the second part with three digits refers to the level of the course. Undergraduate courses are numbered from 100 to 499 and graduate courses are numbered from 500 to 700. Courses numbered with less than 100 are non credit courses.

Fresher (1st Year) courses:	100 - 199
Sophomore (2 <sup>nd</sup> Year) courses:	200 - 299
Junior (3 <sup>rd</sup> Year) courses:	300 - 399
Senior (4 <sup>th</sup> Year and above) courses:	400 - 499

#### **Grading System**

The grades at the BRAC University are indicated by letters and notations in the following manner:

					m		
-	100	=	A+	(4.0)			
-	<97	=	Α	(4.0)	Excellent		
-	<90	=	A-	(3.7)		Type	s of credit
_"	<85	=	B+	(3.3)		<u>1 y p c</u>	s of creak
-	<80	=	В	(3.0)	Good	Blank:	Institutional (BU)
-	<75	=	B-	(2.7)		NT:	Credit not allowed
-	< 70	=	C+	(2.3)		RP:	Repeated (Credit allowed)
-	<65	=	C	(2.0)	Fair	RT:	Retaken (Credit allowed)
-	<60	=	C-	(1.7)			
-	<57	=	D+	(1.3)			
-	<55	=	D	(1.0)	Poor		
-	<52	=	D-	(0.7)			
		=	F	(0.0)	Failure		
		- <97 - <90 - <85 - <80 - <75 - <70 - <65 - <60 - <57 - <55	- <97 = - <90 = - <85 = - <80 = - <75 = - <70 = - <65 = - <60 = - <57 = - <55 = - <55 =	- <97 = A - <90 = A- - <85 = B+ - <80 = B - <75 = B- - <70 = C+ - <65 = C - <60 = C- - <57 = D+ - <55 = D - <52 = D-	- <97 = A (4.0) - <90 = A- (3.7) - <85 = B+ (3.3) - <80 = B (3.0) - <75 = B- (2.7) - <70 = C+ (2.3) - <65 = C (2.0) - <60 = C- (1.7) - <57 = D+ (1.3) - <55 = D (1.0) - <52 = D- (0.7)	- <97 = A (4.0) Excellent - <90 = A- (3.7) - <85 = B+ (3.3) - <80 = B (3.0) Good - <75 = B- (2.7) - <70 = C+ (2.3) - <65 = C (2.0) Fair - <60 = C- (1.7) - <57 = D+ (1.3) - <55 = D (1.0) Poor - <52 = D- (0.7)	- <97 = A (4.0) Excellent  - <90 = A- (3.7)  - <85 = B+ (3.3) Good Blank:  - <80 = B (3.0) Good NT:  - <75 = B- (2.7) NT:  - <70 = C+ (2.3) RP:  - <65 = C (2.0) Fair RT:  - <60 = C- (1.7)  - <57 = D+ (1.3)  - <55 = D (1.0) Poor  - <52 = D- (0.7)

<sup>\*</sup> A+ grade is introduced from Fall 2020 Semester.

The following grade notations are not part of the GPA computation:

P: Pass

I: Incomplete

W: Withdrawal

#### **GPA Computation**

The Grade Point Average (GPA) is computed in the following manner:

## Sum of (Grade points x Credits)

GPA = .**Sum of Credits Attempted** 

# **Academic Standing**

CGPA	Standing
2 or more	Satisfactory
1 to less than 2	Probation
Less than 1 in 1 <sup>st</sup> Semester or Probation in 3 consecutive Semesters	Unsatisfactory

## Requirements for the Bachelors' Degree

For graduation, a student must complete 120 to 199 credits of course work depending on the program in which he/she is enrolled and must maintain a CGPA of 2.00.

THIS TRANSCRIPT IS UNOFFICIAL WITHOUT THE EMBOSSED SEAL OF THE UNIVERSITY AND THE SIGNATURE OF THE DEPUTY CONTROLLER OF EXAMINATIONS.