

# NATIONAL UNIVERSITY OF SINGAPORE



This is to certify that

*HUANG BAIXIANG*

having fulfilled the requirements prescribed  
by the University was conferred the degree of

**MASTER OF COMPUTING**

on

28 February 2022



*Chair, Board of Trustees*

*President*

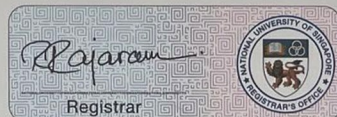


NATIONAL UNIVERSITY  
of SINGAPORE

## OFFICIAL TRANSCRIPT

NAME:	HUANG BAIXIANG	STUDENT NO.:	A0224890B	DATE OF BIRTH:	30/08/1996	DATE ISSUED:	28/02/2022
DEGREE CONFERRED:	MASTER OF COMPUTING	MODULE				GRADE	CREDITS
CUMULATIVE AVERAGE POINT:	3.67						
CUMULATIVE MODULAR CREDITS:	40.00	MASTER OF COMPUTING					
ADMISSION DATE:	03/08/2020	CUMULATIVE AVERAGE POINT: 3.67					
CONFERMENT DATE:	28/02/2022	*****END OF TRANSCRIPT*****					
SPECIALISATION:	COMPUTER SCIENCE						

MODULE	GRADE	CREDITS
ACADEMIC YEAR 2020/2021 SEMESTER 1		
CS5228 KNOWLEDGE DISCOVERY AND DATA MINING	B	4.00
CS5239 ADVANCED COMPUTER NETWORKS	B	4.00
CS5240 THEORETICAL FOUNDATIONS IN MULTIMEDIA	B-	4.00
MASTER OF COMPUTING		
CUMULATIVE AVERAGE POINT: 3.33		
ACADEMIC YEAR 2020/2021 SEMESTER 2		
CP5101 MCOMP DISSERTATION	IP	16.00
CS5346 INFORMATION VISUALISATION	A-	4.00
MASTER OF COMPUTING		
CUMULATIVE AVERAGE POINT: 3.63		
ACADEMIC YEAR 2021/2022 SEMESTER 1		
CP5101 MCOMP DISSERTATION	IP	16.00
CS5239 COMPUTER SYSTEM PERFORMANCE ANALYSIS	B-	4.00
CS5242 NEURAL NETWORKS AND DEEP LEARNING	A-	4.00
MASTER OF COMPUTING		
CUMULATIVE AVERAGE POINT: 3.67		
ACADEMIC YEAR 2021/2022 SEMESTER 2		
CP5101 MCOMP DISSERTATION	CS	16.00



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NATIONAL UNIVERSITY OF SINGAPORE (NUS)  
Registrar's Office, University Hall (Lee Kong Chian Wing),  
#UHL-04-01, 21 Lower Kent Ridge Road, Singapore 119077  
Telephone : (65) 65162304  
Website : <https://www.nus.edu.sg/registrar>

### TRANSCRIPT INFORMATION

Applicable to undergraduate and graduate programmes (unless specified otherwise)

#### GRADE LEGEND

Grade	Grade Point	Additional Grading Options
A+, A	5.00	S Satisfactory
A-	4.50	U Unsatisfactory
B+	4.00	CS Completed (Satisfactory)
B	3.50	CU Completed (Unsatisfactory)
B-	3.00	IC Incomplete
C+	2.50	IP In Progress
C	2.00	AUD Audit
D+	1.50	EXE Exempted
D	1.00	W Withdrawn
F	0.00	WU Withdrawal from University

### SCHOOL OF BUSINESS – MASTER'S DEGREE PROGRAMME MODULES

Grade	Grade Point
DT (Distinction)	5.00
M (Merit)	4.00
Pass	3.00
Fail	0.00

### FACULTY OF DENTISTRY / YONG LOO LIN SCHOOL OF MEDICINE – BACHELOR'S DEGREE PROGRAMME MODULES

Grade	Descriptor	Additional Grading Options
A+	Distinction	DT Distinction
A		M Merit
A-		P Pass
B+		IC Incomplete
B		IP In Progress
B-		W Withdrawn
C+		WU Withdrawal from University
C		
F		

### SUPPLEMENTARY EXAMINATION AND RE-EXAMINATION

Students who sit for Supplementary Examination or Re-examination (if applicable) are awarded the grade appropriate to the marks they obtain.

### MEDIUM OF INSTRUCTION

The medium of instruction used in the University is English, unless specified otherwise.

### CUMULATIVE AVERAGE POINT (CAP)

The Cumulative Average Point (CAP) was introduced for students admitted from the Academic Year (AY) 1998/1999 onwards to track the progress of students under the Modular System. It is the weighted average grade point of all modules taken by the student.

### MODULAR CREDIT (MC)

A modular credit (MC) is a unit of the effort, stated in terms of time, expected of a typical student in managing his/her workload. 1 MC is equivalent to 2.5 hours of study and preparation per week. Thus, a 4-MC module would require 10 hours of work a week, including lectures, tutorials, laboratory sessions, assignments, and independent or group study, over 13 Instructional Weeks in a semester.

### GRADE-FREE SCHEME (GFS)

The Grade-free Scheme (GFS), in the form of 32 MCs of Satisfactory/Unsatisfactory (S/U) option, was introduced for **undergraduate** students admitted from AY2014/2015 onwards, to provide a supportive and enabling environment for them to make a successful transition into the academic and social aspects of university life.

It was enhanced from a grade-free first semester to a grade-free first year for undergraduate students admitted from AY2016/2017 onwards.

At the end of a semester, students may choose to retain the letter grade or to exercise the S/U option on a module, in which case the letter grade will not be shown on the transcript nor computed towards the CAP. An 'S' grade is assigned if students receive a C grade or above while a 'U' grade is assigned if the grade obtained is D+, D or F. Students will receive credits towards the degree only if they attain an 'S' grade.

### LEAVE OF ABSENCE

Only leave of absence of one semester or longer is recorded in the transcript.

### DEGREE CLASSIFICATION

The criteria for degree classification applicable to students admitted from AY2012/2013 onwards are as follows:

Honours Degree Classification <sup>(i)</sup>	Criteria
Honours (Highest Distinction)	CAP 4.50 and above <sup>(ii)</sup>
Honours (Distinction)	CAP 4.00 – 4.49
Honours (Merit)	CAP 3.50 – 3.99
Honours	CAP 3.00 – 3.49
Pass	CAP 2.00 – 2.99
Bachelor's Degree Classification <sup>(iii)</sup>	Criteria
Pass with Merit	CAP 3.00 and above
Pass	CAP 2.00 – 2.99

(i) This refers to 160-MC degree programmes.

(ii) Particular Faculties/Schools may stipulate other requirements.

(iii) This refers to 120-MC degree programmes.

This transcript shows the latest information. For information on earlier grade legends, please visit:  
<https://www.nus.edu.sg/registrar/student-records/transcripts/official-transcripts>.

### FACULTY OF LAW – DEGREE CLASSIFICATION

(a) The criteria for degree classification applicable to students conferred their Bachelor of Laws (LLB) degrees from 30 June 2016 are as follows:

Degree Classification	Criteria
First Class Honours*	Obtained a Cumulative Weighted Numerical Average for all modules taken at NUS that is equivalent to a grade of A- or better, <u>or</u> finished in the top 10% of the graduating class.
Second Class (Upper Division) Honours*	Obtained a Cumulative Weighted Numerical Average for all modules taken at NUS that is equivalent to a grade of B or better, and do not qualify for First Class Honours.
Second Class (Lower Division) Honours	Obtained a Cumulative Weighted Numerical Average for all modules taken at NUS that is equivalent to a grade of C or better, and do not qualify either for First Class or Second Class (Upper Division) Honours.
Third Class Honours	Completed the number of credits required for a LLB (Honours) degree but do not qualify for First Class, Second Class (Upper Division) or Second Class (Lower Division) Honours.

\*Note: A student will not be eligible for First Class or Second Class (Upper Division) Honours if:

- a) the student has failed more than 12 credits of modules at NUS (or while on an approved exchange programme); or  
b) the student has taken more than 9 semesters to complete the 4-year LLB programme or 7 semesters to complete the 3-year Graduate LLB programme (excluding periods where the student has been granted a leave of absence).

(b) The criteria for degree classification applicable to students conferred their Juris Doctor (J.D.) degrees are as follows:

Degree Classification	Criteria
JD (Highest Distinction)	Obtained a Cumulative Weighted Numerical Average for all modules taken at NUS that is equivalent to a grade of A- or better.
JD (Distinction)	Obtained a Cumulative Weighted Numerical Average for all modules taken at NUS that is equivalent to a grade of B or better..
JD (Merit)	Obtained a Cumulative Weighted Numerical Average for all modules taken at NUS that is equivalent to a grade of C or better.
JD	Completed the number of credits required for a JD degree but do not qualify for HD (Highest Distinction), HD (Distinction) or JD (Merit).

### CHECK FOR AUTHENTICITY:

The NUS official transcript is printed in landscape format on paper with security fibres and displays the NUS coat of arms as a watermark with a smaller NUS coat of arms in full colour as part of the letterhead. Each page of the official transcript is individually validated with the NUS seal and the Registrar's endorsement (on a tri-colour background) or by an authorised staff of the University.