



OFFICIAL TRANSCRIPT

NAME: TIAN XIAO STUDENT NO: A0220592L DATE OF BIRTH: 02/12/2000 DATE ISSUED: 03/02/2025

DEGREE CONFERRED:	BACHELOR OF SCIENCE WITH HONOURS (HIGHEST DISTINCTION)	COURSE	GRADE	UNITS
GRADE POINT AVERAGE:	4.95	ACADEMIC YEAR 2020/2021 SEMESTER 1		
CUMULATIVE UNITS:	134.00	CREDITS RECOGNISED ON ADMISSION		
ADMISSION DATE:	03/08/2020	AWARDED ADVANCED PLACEMENT CREDITS FOR THE ACADEMIC WORK COMPLETED AT NATIONAL JUNIOR COLLEGE		
CONFERMENT DATE:	31/01/2025	ENROLLED IN THE FOLLOWING NUS COURSES:		
MAJOR:	APPLIED MATHEMATICS	CFG1002	CAREER CATALYST	CS 2.00
		CS1010S	PROGRAMMING METHODOLOGY	A+ 4.00
		CS1231	DISCRETE STRUCTURES	A+ 4.00
		ES1601	PROFESSIONAL AND ACADEMIC COMMUNICATION	IP 4.00
		GEQ1917	UNDERSTANDING AND CRITIQUING SUSTAINABILITY	IP 4.00
		GER1000	QUANTITATIVE REASONING	S 4.00
		MA1102R	CALCULUS	A+ 4.00
		WR1401	WORKPLACE READINESS	IP -
DEGREE CONFERRED:	BACHELOR OF COMPUTING (COMPUTER SCIENCE) WITH HONOURS (HIGHEST DISTINCTION)	BACHELOR OF SCIENCE		
GRADE POINT AVERAGE:	4.91	GRADE POINT AVERAGE : 5.00		
CUMULATIVE UNITS:	136.00	REMARKS:		
ADMISSION DATE:	03/08/2020	PLEASE REFER TO THE TRANSCRIPT OF NATIONAL JUNIOR COLLEGE FOR DETAILS OF COURSES TAKEN AND GRADES/UNITS OBTAINED.		
CONFERMENT DATE:	31/01/2025	ACADEMIC YEAR 2020/2021 SEMESTER 2		
SPECIALISATION:	ALGORITHMS AND COMPUTATION	CS2040	DATA STRUCTURES AND ALGORITHMS	A 4.00
COMPLETED THE TURING PROGRAMME		ES1601	PROFESSIONAL AND ACADEMIC COMMUNICATION	S 4.00
COMPLETED A DOUBLE DEGREE PROGRAMME		FMS1218B	FS: HOW COME ASPIRIN CAN RELIEVE MY HEADACHE?	CS 4.00
AWARDS:		GEQ1917	UNDERSTANDING AND CRITIQUING SUSTAINABILITY	A 4.00
ACADEMIC YEAR 2023:	OUTSTANDING UNDERGRADUATE RESEARCHER PRIZE (BEST UNDERGRADUATE RESEARCHER (INDIVIDUAL))	GES1003	CHANGING LANDSCAPES OF SINGAPORE	S 4.00
		MA1101R	LINEAR ALGEBRA I	A+ 4.00
COURSE		GRADE	UNITS	



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<u>COURSE</u>		<u>GRADE</u>	<u>UNITS</u>	<u>COURSE</u>		<u>GRADE</u>	<u>UNITS</u>
MA2104	MULTIVARIABLE CALCULUS	A+	4.00	CS3243	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	A	4.00
ST2131	PROBABILITY	A+	4.00	CS3244	MACHINE LEARNING	A+	4.00
WR1401	WORKPLACE READINESS	CS	-	GET1018	THE MATHEMATICS OF GAMES	A	4.00
				ST3131	REGRESSION ANALYSIS	A-	4.00
BACHELOR OF SCIENCE				BACHELOR OF SCIENCE			
GRADE POINT AVERAGE : 5.00				GRADE POINT AVERAGE : 4.93			
ACADEMIC YEAR 2021/2022 SEMESTER 1				BACHELOR OF COMPUTING (COMPUTER SCIENCE)			
				GRADE POINT AVERAGE : 4.91			
CS2030	PROGRAMMING METHODOLOGY II	A	4.00	ACADEMIC YEAR 2022/2023 SEMESTER 1			
CS2100	COMPUTER ORGANISATION	A+	4.00	CP3209	UNDERGRADUATE RESEARCH PROJECT IN COMPUTING	IP	8.00
GEH1036	LIVING WITH MATHEMATICS	A+	4.00	CS2309	CS RESEARCH METHODOLOGY	A+	4.00
IS1103	ETHICS IN COMPUTING	S	4.00	MA3205	SET THEORY	A	4.00
MA2101	LINEAR ALGEBRA II	A+	4.00	MA3220	ORDINARY DIFFERENTIAL EQUATIONS	A	4.00
MA2108	MATHEMATICAL ANALYSIS I	A+	4.00	MA3236	NON-LINEAR PROGRAMMING	A	4.00
MA2213	NUMERICAL ANALYSIS I	A-	4.00	MA3264	MATHEMATICAL MODELLING	A+	4.00
MA2214	COMBINATORICS AND GRAPHS I	A	4.00	PC1101	FRONTIERS OF PHYSICS	A	4.00
BACHELOR OF SCIENCE				BACHELOR OF SCIENCE			
GRADE POINT AVERAGE : 4.96				GRADE POINT AVERAGE : 4.95			
DEAN'S LIST				DEAN'S LIST			
BACHELOR OF COMPUTING (COMPUTER SCIENCE)				BACHELOR OF COMPUTING (COMPUTER SCIENCE)			
GRADE POINT AVERAGE : 5.00				GRADE POINT AVERAGE : 4.91			
DEAN'S LIST				ACADEMIC YEAR 2022/2023 SEMESTER 2			
CS2103	SOFTWARE ENGINEERING	A	4.00	CP3209	UNDERGRADUATE RESEARCH PROJECT IN COMPUTING	A+	8.00
CS2106	INTRODUCTION TO OPERATING SYSTEMS	B	4.00	CS3236	INTRODUCTION TO INFORMATION THEORY	A	4.00
CS3230	DESIGN AND ANALYSIS OF ALGORITHMS	A+	4.00				



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COURSE	GRADE	UNITS	COURSE	GRADE	UNITS
CS5340	UNCERTAINTY MODELLING IN AI	A-	4.00	BACHELOR OF SCIENCE	
MA4207	MATHEMATICAL LOGIC	A	4.00	GRADE POINT AVERAGE : 4.94	
MA4229	FOURIER ANALYSIS AND APPROXIMATION	A-	4.00	BACHELOR OF COMPUTING (COMPUTER SCIENCE)	
			GRADE POINT AVERAGE : 4.90		
BACHELOR OF SCIENCE			ACADEMIC YEAR 2024/2025 SEMESTER 1		
GRADE POINT AVERAGE : 4.93					
BACHELOR OF COMPUTING (COMPUTER SCIENCE)					
GRADE POINT AVERAGE : 4.90					
DEAN'S LIST					
ACADEMIC YEAR 2023/2024 SEMESTER 1					
PARTICIPATED IN A STUDENT EXCHANGE PROGRAMME AT TOKYO INSTITUTE OF TECHNOLOGY					
CREDITS TRANSFERRED FROM TOKYO INSTITUTE OF TECHNOLOGY	-	4.00			
BACHELOR OF SCIENCE					
GRADE POINT AVERAGE : 4.93					
BACHELOR OF COMPUTING (COMPUTER SCIENCE)					
GRADE POINT AVERAGE : 4.90					
REMARKS:					
PLEASE REFER TO THE TRANSCRIPT OF TOKYO INSTITUTE OF TECHNOLOGY FOR DETAILS OF COURSES TAKEN AND GRADES/UNITS OBTAINED.					
ACADEMIC YEAR 2023/2024 SEMESTER 2					
MA3252	LINEAR AND NETWORK OPTIMISATION	A+	4.00		
MA4199	HONOURS PROJECT IN MATHEMATICS	IP	12.00		
MA4264	GAME THEORY	A+	4.00		
MA4270	DATA MODELLING AND COMPUTATION	A+	4.00		

*****END OF TRANSCRIPT*****

NATIONAL UNIVERSITY OF SINGAPORE (NUS)

Office of the University Registrar,
University Hall (Lee Kong Chian Wing),
#UHL-04-01, 21 Lower Kent Ridge Road, Singapore 119077
nus.edu.sg/registrar (W) transcript@nus.edu.sg (E)

The transcript information below is applicable to undergraduate and graduate programmes, unless specified otherwise. For earlier transcript information, please visit nus.edu/transcripts.

MEDIUM OF INSTRUCTION

The medium of instruction used in the University is English, 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 PROGRAMMES

Grade	Grade Point	Additional Grading Options
DT (Distinction)	5.00	S Satisfactory
M (Merit)	4.00	U Unsatisfactory
Pass	3.00	CS Completed (Satisfactory)
Fail	0.00	CU Completed (Unsatisfactory)
		IC Incomplete
		IP In Progress
		AUD Audit
		EXE Exempted
		W Withdrawn
		WU Withdrawal from University

FACULTY OF DENTISTRY / YONG LOO LIN SCHOOL OF MEDICINE – BACHELOR'S DEGREE PROGRAMMES

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.

UNITS

A unit is a measure of the effort, stated in terms of time, expected of a typical student in managing their course workload. One (1) unit is equivalent to 2.5 hours of study and preparation per week. Thus, a 4-unit course would require 10 hours of work a week, including lectures, tutorials, laboratory sessions, assignments, and independent or group study, in a regular semester.

GRADE POINT AVERAGE (GPA)

The Grade Point Average (GPA) tracks the progress of students under the modular system. It is the weighted average grade point of all courses taken by the student, unless specified otherwise. Courses with no assigned unit or grade point are excluded from the calculation of the GPA.

GRADE-FREE SCHEME (GFS)

The Grade-free Scheme (GFS), in the form of 32 units 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 to university life. If the S/U option is exercised on a course, its grade will not be computed towards the GPA. The units of a course will be counted towards the degree if an "S" grade is attained, and will not be counted if a "U" grade is attained.

LEAVE OF ABSENCE

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

DEGREE CLASSIFICATION

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

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

(i) For 160-unit Bachelor's degree programmes.

(ii) Each degree programme may stipulate its additional requirements.

(iii) For 120-unit Bachelor's degree programmes.

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 courses 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 courses 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 courses 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 units 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 units of courses 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 (JD) degrees are as follows:

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

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