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NATIONAL UNIVERSITY of SINGAPORE

OFFICIAL TRANSCRIPT

NAME: CHEN FAN **STUDENT NO:** A0192111W **DATE OF BIRTH:** 28/11/1993 **DATE ISSUED:** 06/01/2023

DEGREE CONFERRED:	DOCTOR OF PHILOSOPHY	<u>MODULE</u>	<u>GRADE</u>	<u>CREDITS</u>
CUMULATIVE AVERAGE POINT:	4.00	ACADEMIC YEAR 2019/2020 SEMESTER 1		
CUMULATIVE MODULAR CREDITS:	32.00	ES5101	TECHNICAL COMMUNICATION FOR ENGINEERS	B+
ADMISSION DATE:	06/08/2018	ME5513	FRACTURE AND FATIGUE OF MATERIALS	S
CONFERMENT DATE:	31/12/2022	ME6303	ADVANCED FLUID DYNAMICS	B+
		ME6999	DOCTORAL SEMINARS	IP

THESIS TITLE: DATA-DRIVEN MULTI-SCALE MULTI-PHYSICS MODELLING OF THERMAL STRESS AND DISTORTION IN ADDITIVE MANUFACTURING

DOCTOR OF PHILOSOPHY
CUMULATIVE AVERAGE POINT : 4.00

<u>MODULE</u>	<u>GRADE</u>	<u>CREDITS</u>			
ACADEMIC YEAR 2018/2019 SEMESTER 1			ACADEMIC YEAR 2019/2020 SEMESTER 2		
EG5911	RESEARCH METHODOLOGY & ETHICS	CS	ME6999	DOCTORAL SEMINARS	IP
ME5608	ADDITIVE AND NON-CONVENTIONAL MANUFACTURING PROCESSES	B+	DOCTOR OF PHILOSOPHY		
ME6101	RESEARCH TOPICS IN APPLIED MECHANICS	B+	CUMULATIVE AVERAGE POINT : 4.00		
ME6999	DOCTORAL SEMINARS	IP	ACADEMIC YEAR 2020/2021 SEMESTER 1		
DOCTOR OF PHILOSOPHY			ME6999	DOCTORAL SEMINARS	IP
CUMULATIVE AVERAGE POINT : 4.00			DOCTOR OF PHILOSOPHY		
ACADEMIC YEAR 2018/2019 SEMESTER 2			CUMULATIVE AVERAGE POINT : 4.00		
ES5001A	GRADUATE ENGLISH COURSE (INTERMEDIATE LEVEL)	B-	ACADEMIC YEAR 2020/2021 SEMESTER 2		
ME5302	COMPUTATIONAL FLUID MECHANICS	B+	ME6999	DOCTORAL SEMINARS	IP
ME5404	NEURAL NETWORKS	B+	DOCTOR OF PHILOSOPHY		
ME6999	DOCTORAL SEMINARS	IP	CUMULATIVE AVERAGE POINT : 4.00		
DOCTOR OF PHILOSOPHY					
CUMULATIVE AVERAGE POINT : 4.00					

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MODULE	GRADE	CREDITS
ACADEMIC YEAR 2021/2022 SEMESTER 1		
ME6999 DOCTORAL SEMINARS	IP	8.00
DOCTOR OF PHILOSOPHY		
CUMULATIVE AVERAGE POINT : 4.00		
ACADEMIC YEAR 2021/2022 SEMESTER 2		
ME6999 DOCTORAL SEMINARS	CS	8.00
DOCTOR OF PHILOSOPHY		
CUMULATIVE AVERAGE POINT : 4.00		

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



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 ⁽ⁱ⁾	Criteria
Honours (Highest Distinction)	CAP 4.50 and above ⁽ⁱⁱ⁾
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 ⁽ⁱⁱⁱ⁾	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's 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, or 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:

- the student has failed more than 12 credits of modules at NUS (or while on an approved exchange programme); or
- 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).

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