

# ACADEMIC TRANSCRIPT

NAME	STUDENT ID	NRIC/FIN	DATE OF BIRTH	ACADEMIC YEARS	DATE OF PRINT
Tran Duc Khang	H2030008	G3544294X	11 February 2005	2020 - 2023	20 July 2023

**AWARDED:** DIPLOMA (HIGH DISTINCTION) WITH MAJORS IN MATHEMATICS, CHEMISTRY, PHYSICS, ENGINEERING AND COMPUTER SCIENCE

<b>GRADUATION CAP WITH MOTHER TONGUE:</b>	4.9		
<b>GRADUATION CAP WITHOUT MOTHER TONGUE:</b>	4.9		
<b>SUBJECTS TAKEN</b>	<b>TOTAL MODULAR CREDITS</b>	<b>SUBJECT CAP</b>	<b>HONOURS GRADE</b>
English Language	20	4.1	-
<b>Mathematics</b>	33	5.0	-
Biology	6	5.0	-
<b>Chemistry</b>	26	5.0	-
<b>Physics</b>	34	5.0	-
Humanities, Art & Music	6	5.0	-
<b>Computer Science</b>	22	4.9	-
<i>Subjects in BOLD refer to Majors and Honours taken (where applicable)</i>			
In addition, <b>Tran Duc Khang</b> read and completed 2 external university modules. Please refer to section on EXTERNAL UNIVERSITY MODULES			

Module Code	Module Title	Modular Credits	Final Grade	Remarks (if any)
<b>Academic Year 2023 - Year 6 Semester 1 (CAP - 4.9)</b>				
CM6131	Chemistry In Context	4	A+	
CS6131	Database Design	4	A	
CS6431V	Computer Organisation	4	Distinction	
EG5433V	NUS/ CG1111A Engineering Principles and Practice I	4	Distinction	
EL6131	Critical reading and writing III: Emerging issues in a changing world	2	A-	
MA6131	Advanced Statistics	5	A+	
PC6132	Practical Circuitry & Introductory Electronics	4	A+	
<b>Academic Year 2022 - Year 5 Semester 2 (CAP - 4.8)</b>				

Module Code	Module Title	Modular Credits	Final Grade	Remarks (if any)
CM5132	Thermodynamics And Electrochemistry	4	A+	
CS5132	Data Structures And Algorithms	4	A+	
EL5131	Critical Reading And Writing II: The Global Connection	4	B+	
EL5132	Language For Public Communication	2	A-	
MA5132	Statistics	5	A	
PC5132	Advanced Physics IV	4	A+	
PC5232	Physics Olympiad Training VII	2	A+	
<b>Academic Year 2022 - Year 5 Semester 1 (CAP - 4.9)</b>				
CM5131	Organic Chemistry	4	A+	
CS5131	Introduction To Artificial Intelligence	4	A+	
MA5131	Advanced Calculus	5	A+	
PC5131	Advanced Physics III	4	A+	
PC5231	Physics Olympiad Training VI	2	A+	
<b>Academic Year 2021 - Year 4 Semester 2 (CAP - 4.8)</b>				
CM4132	Chemical Kinetics And Equilibria	4	A+	
EL4131	Critical Reading And Writing I: Social Institutions And Issues	6	B+	
MA4132	Advanced Mathematics IB	5	A+	
PC4132	Advanced Physics II	4	A+	
PC4232	Physics Olympiad Training V	2	B+	Excluded
<b>Academic Year 2021 - Year 4 Semester 1 (CAP - 4.9)</b>				
CM4131	Principles of Inorganic Chemistry and Structure of Matter	4	A+	
CS4131	Mobile Application Development	4	A+	
GC3331	Wonderment Exploration III	2	Pass	
MA4131	Advanced Mathematics IA	5	A+	
PC4131	Advanced Physics I	4	A+	
PC4231	Physics Olympiad Training IV	2	A	



Module Code	Module Title	Modular Credits	Final Grade	Remarks (if any)
<b>Academic Year 2020 - Year 3 Semester 2 (CAP - 4.8)</b>				
BL3131	Foundations in Biology III	6	A	
CM3131	Foundations In Chemistry III	6	A+	
CS3132	Object Oriented Programming II	3	A	
EL3131	Exposition And Argumentation: Community And Society	6	B+	
MA3132	Foundations In Mathematics IIIB	4	A+	
MU3132	Elements Of Music Theory	3	A	
PC3131	Foundations In Physics III	6	A+	
PC3232	Physics Olympiad Training III	2	A	

**Academic Year 2020 - Year 3 Semester 1 (CAP - 4.7)**

BL3331	Foundations In General Biology	2	Distinction	
--------	--------------------------------	---	-------------	--

Module Code	Module Title	Modular Credits	Final Grade	Remarks (if any)
CM3332	Foundations In Chemistry (Bridging)	2	Distinction	
CS3131	Object Oriented Programming I	3	B+	
MA3131	Foundations In Mathematics IIIA	4	A+	
MU3131	Music: The Extravagant Art	3	A	
<b>EXTERNAL UNIVERSITY MODULES</b>				
CS2100	COMPUTER ORGANISATION AY2022/2023 Semester 1	4	A+	Offered by NUS (Honours in lieu)
CG1111A	ENGINEERING PRINCIPLES AND PRACTICE I AY2022/2023 Semester 1	4	A	Offered by NUS (Honours in lieu)



## EXPLANATORY NOTES

<b>Cumulative Average Point (CAP) <sup>1</sup> =</b> $\frac{\text{sum (module grade point x Modular Credits (MC) assigned to module)}}{\text{sum (MC assigned to modules)}}$ <ul style="list-style-type: none"> <li>Shows academic performance up to current time point <sup>2</sup></li> <li>Grade points of all Core and <i>Elective</i> <sup>1</sup> modules are used for computation of CAP <sup>2</sup></li> </ul>	
<b>Annual Promotion CAP</b>	<ul style="list-style-type: none"> <li>Shows academic performance of each Academic Year of Study only</li> <li>Grade points of all Core and Elective modules read in that Academic Year of Study</li> </ul>
<b>Subject CAP</b>	Computes grades of all Core and <i>Elective</i> <sup>1</sup> modules at Level 3000 - 6000, in that subject <ul style="list-style-type: none"> <li>Subject CAP at Years 1 &amp; 2 will be shown for records.</li> <li>Subject CAP shall be shown for English Language, Mother Tongue Language (except for exempted/MTLB students), Mathematics, Physics, Chemistry, Biology and Computer Science (for students who read Computer Science as a Major/Major with Honours).</li> <li>Students who read a 4<sup>th</sup> Major in Art/Economics/English Literature/Geography/History/Music shall have the Subject CAP shown as 'Humanities, Art and Music (Art/Economics/English Literature/Geography/History/Music), where applicable.</li> </ul>

<sup>1</sup> *Elective modules may be included in computation to maximize MC for total workload calculated on top of core modules to attain the best CAP.*

<sup>2</sup> *The period to be included for the computation will depend on the specific year of studies and up to current time point.*

## Grading System

Core And Elective Modules						Honours and Enrichment Modules <sup>3</sup>
Grade	Grade Point	Grade	Grade Point	Grade	Grade Point	No Grade Point Awarded
A+	5.0	B	3.5	D+	1.5	Distinction
A	5.0	B-	3.0	D	1.0	Merit
A-	4.5	C+	2.5	F	0	Pass
B+	4.0	C	2.0			Unclassified

<sup>3</sup> *The performance of these modules is not used in the computation of CAP.*

## Additional Indicators for Modules:

<b>Exempted</b>	The student was exempted from reading the module, after appropriate assessment was passed. Modular credits are fulfilled. No Grade and Grade Point will be awarded for the exempted module.
<b>In Progress</b>	The student has not completed reading the module, as all appropriate assessment has not been satisfied. Modular credits, Grade and Grade Point will be awarded upon completion.
<b>Accelerated</b>	The student completed a higher level module.
<b>Completed</b>	The student completed the module.
<b>Repeated</b>	The student repeated the module.
<b>Excluded</b>	The module was excluded from Graduation CAP computation.

**Module Code:** Example - BL1107 / CS3204C / MA2203V / PC5403 / CH1531

First two letters: Subject code that denotes the discipline (see List of Subject Codes)

The first digit indicates the academic level of module offered. '1' for Level 1, '2' for Level 2, '3' for Level 3, '4' for Level 4, '5' for Level 5 & '6' for Level 6.

The second digit indicates the type of module: 1 for **Core**, 2 for **Elective**, 3 for **Enrichment**, 4 for **Honours**; 5 for **Mother Tongue Language Core**.

The last two digits indicate the module number.

Suffix letter for modules (where applicable): 'A' indicates the module is a preclusion and taken in lieu of the core module, with different assessment weighting. 'M' indicates an approved Mother Tongue Language in-lieu module including Non Tamil Indian Language (NTIL) conducted in MOE-approved language centers. 'V' indicates the module is offered by external agencies or Institutes of Higher Learning, but is considered a school module.

## List of Subject Codes

<b>AR</b> Art	<b>CM</b> Chemistry	<b>GC</b> General Curriculum	<b>HU</b> Humanities	<b>PC</b> Physics
<b>BG</b> Bengali	<b>CS</b> Computer Science	<b>GE</b> Geography	<b>JP</b> Japanese	<b>PE</b> Physical Education
<b>BL</b> Biology	<b>EC</b> Economics	<b>GJ</b> Gujarati	<b>MA</b> Mathematics	<b>PJ</b> Panjabi
<b>CE</b> Character & Citizenship Education	<b>EL</b> English Language	<b>GM</b> German	<b>MH</b> Higher Malay	<b>TH</b> Higher Tamil
<b>CH</b> Higher Chinese	<b>EN</b> English Literature	<b>HD</b> Hindi	<b>ML</b> Malay	<b>TL</b> Tamil
<b>CL</b> Chinese	<b>FR</b> French	<b>HY</b> History	<b>MU</b> Music	<b>UD</b> Urdu

Class of Diploma	<i>High Distinction</i>	<i>Distinction</i>	<i>Merit</i>	<i>Pass</i>
<b>Graduation CAP OR Graduation CAP without Mother Tongue (whichever is higher)</b>	≥ 4.5	4.0 – 4.4	3.0 – 3.9	2.5 – 2.9