TSINGHUA UNIVERSITY
ACADEMIC TRANSCRIPT

Student Name Chen Chang

Gender Female   **Student No.** 2022010859   **Student Type** Undergraduate   **Date of Admission** August,2022

School/Department Department of Computer Science and Technology   **Major** Computer Science and Technology

Course Number	Course Title	Credit	Grade	Point	Year-Semester
12090052	Military Theory	2	B-	3.0	2022-Summer
12090062	Military Skills	2	A-	4.0	2022-Summer
00680231	The History of The People's Republic of China("Four Histories")	1	A-	4.0	2022-Autumn
02070012	Introduction to the Communist Party of China	2	P	N/A	2022-Autumn
10240022	Fundamentals of Computer Science	2	P	N/A	2022-Autumn
10421055	Calculus A(1)	5	A-	4.0	2022-Autumn
10421324	Linear Algebra	4	A	4.0	2022-Autumn
10680053	Ideology,Morality and Rule of Law	3	A-	4.0	2022-Autumn
10680101	Situation and Policy (1)	1	P	N/A	2022-Autumn
10720011	Physical Education(1)	1	B+	3.6	2022-Autumn
14201092	English for Academic Purposes (A): Spoken Communication	2	A-	4.0	2022-Autumn
20240013	Discrete Mathematics(1)	3	B	3.3	2022-Autumn
30240233	Fundamentals of Programming	3	B+	3.6	2022-Autumn
00782311	Appreciation and Analysis of Western Classical Opera	1	P	N/A	2023-Spring
10421065	Calculus A(2)	5	B+	3.6	2023-Spring
10421382	Advanced Topics in Linear Algebra	2	C+	2.6	2023-Spring
10430484	Physics for Scientists and Engineers B(1)	4	B-	3.0	2023-Spring
10610193	Outline of Modern Chinese History	3	A-	4.0	2023-Spring
10691342	Writing and Communication	2	B+	3.6	2023-Spring
10691572	Rules and Forms of Poetic Composition in Chinese Classical Style	2	A-	4.0	2023-Spring
10720021	Physical Education(2)	1	A-	4.0	2023-Spring
14201082	English for Academic Purposes (A): Research Paper Writing	2	B+	3.6	2023-Spring
20240023	Discrete Mathematics(2)	3	B	3.3	2023-Spring
30240532	Foundation of Object-Oriented Programming	2	B+	3.6	2023-Spring
10680092	Ideological and political practice	2	P	N/A	2023-Summer
30240522	Programing and Training	2	A-	4.0	2023-Summer
02070071	Mental Training and Latent Ability Developing	1	A-	4.0	2023-Autumn
10420252	Introduction to Complex Analysis	2	A+	4.0	2023-Autumn
10430494	Physics for Scientists and Engineers B(2)	4	B	3.3	2023-Autumn
10460032	Global Climate Change	2	A-	4.0	2023-Autumn
10680073	Basic Principles of Marxism	3	A	4.0	2023-Autumn
10720031	Physical Education(3)	1	B+	3.6	2023-Autumn
30240184	Data Structures	4	B	3.3	2023-Autumn
30240593	Introduction to Computer Systems	3	B-	3.0	2023-Autumn
40240432	Formal Languages and Automata	2	B	3.3	2023-Autumn
00701653	Movie and Politics	3	W	N/A	2023-Autumn
02070251	Career Planning and development	1	B+	3.6	2024-Spring
02090051	The Series Course of The Present National Defence	1	A-	4.0	2024-Spring
10420803	Probability and Statistics	3	B+	3.6	2024-Spring
10680022	Introduction to Xi Jinping Thought on Socialism with Chinese Characteristics for a New Era	2	A-	4.0	2024-Spring
10680142	Introduction to MaoZedong Thought and the Theoretical System of Socialism with Chinese Characterist	2	A-	4.0	2024-Spring

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Total Credits: 121.0   **GPA:** 3.63   **Date of Graduation:** **********   **Degree Conferred:** *******

Director of Registrar's Office: 刘泳

Official Seal:

Date Printed: February 2, 2025

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TSINGHUA UNIVERSITY
ACADEMIC TRANSCRIPT

Student Name Chen Chang

Gender Female   **Student No.** 2022010859   **Student Type** Undergraduate   **Date of Admission** August,2022

School/Department Department of Computer Science and Technology   **Major** Computer Science and Technology

Course Number	Course Title	Credit	Grade	Point	Year-Semester
10720041	Physical Education(4)	1	C+	2.6	2024-Spring
14203112	Art English(2)	2	B+	3.6	2024-Spring
14203562	Understanding Public Speaking	2	B+	3.6	2024-Spring
30240042	Introduction to Artificial Intelligence	2	B	3.3	2024-Spring
30240163	Software Engineering	3	A-	4.0	2024-Spring
30240343	Digital Logic Circuit	3	A	4.0	2024-Spring
30240551	Digital Logic Experimentation	1	B	3.3	2024-Spring
40240422	Fundamentals of Computer Graphics	2	B+	3.6	2024-Spring
00030342	Principles and Experience of Intelligent Construction for Blocks	2	W	N/A	2024-Spring
00780461	Introduction to Piano and Music Rudiments	1	B+	3.6	2024-Autumn
10720110	Physical Education(1)	0	F	0.0	2024-Autumn
20240082	Elementary Number Theory	2	B+	3.6	2024-Autumn
30240063	Principles of Signal Processing	3	B-	3.0	2024-Autumn
30240292	Human Computer Interaction Theory and Technology	2	A	4.0	2024-Autumn
30240382	Principles and Practice of Compiler Construction	2	B+	3.6	2024-Autumn
40240572	Computer Network Security Technology	2	A	4.0	2024-Autumn
40240513	Computer Network	3	I	N/A	2024-Autumn
	**********				

Total Credits: 121.0   **GPA:** 3.63   **Date of Graduation:** **********   **Degree Conferred:** *******

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KEY TO TRANSCRIPT

I. COURSE NUMBERING SYSTEM

   Each course number consists of 8-10 characters.

   The first character indicates the course level:

      0-4 or H-T, W = undergraduate courses

      6-9, A-G or X-Z = graduate courses

II. CREDIT

  Credit is reported in terms of semester hours, whether earned during a 16-week semester or a summer session. For 1 unit of credit, either one hour per week is allotted to lecture or discussion, or two hours per week are allotted to laboratory, while more hours are needed for preparation or subsequent reading and study.

III. THE RECORD ENDS WITH **********.

IV. DATE OF GRADUATION and DEGREE CONFERRED

  For currently enrolled undergraduates, the columns of DATE OF GRADUATION and DEGREE CONFERRED are **********.

V. GRADING SYSTEMS

  a) EFFECTIVE for students who matriculated in spring 2015 and after

    (i) Tsinghua University converted to a LETTER GRADING SYSTEM. The table below shows the grades in detail.

    (ii) Credits are given for A+, A, A-, B+, B, B-, C+, C, C-, D+, D, P and EX.

    (iii) W: Withdrew.

    (iv) I: Incomplete. Marked when a student's application is approved for not attending the final exam.

    (v) EX: Exemption. Students receive credits for exempted courses.

Grade	Grade Points	Corresponding 100-point Range	Equivalent 100-point value*
A+		95-100	100
A	4.0		98
A-		90-94	92
B+	3.6	85-89	87
B	3.3	80-84	82
B-	3.0	77-79	78
C+	2.6	73-76	75
C	2.3	70-72	71
C-	2.0	67-69	68
D+	1.6	63-66	65
D	1.3	60-62	61
F	0	0-59	0
P	N/A	N/A	N/A
F	N/A	N/A	N/A

* For the transition period in 2015-2018 between the 100-point grading system and the letter grading system, Tsinghua has provided a corresponding average of values in the 100-point range of each grade. The equivalent 100-point value for course receiving credits corresponds to the median in the range. Students who matriculated in spring 2019 and after no longer use the equivalent 100-point value.

b) EFFECTIVE for students who matriculated prior to spring 2015

    (i) 100-POINT GRADING SYSTEM: Credits are given for 60 points and above.

    (ii) PASS/FAIL SYSTEM: Credits are given for PASS.

       DISTINCTION (for undergraduates only): Credits are given for DISTINCTION.

    (iii) REPEATED COURSES: The transcript displays only the latest result of a repeated course. Repeated courses are designated with an "Rn" code beside the final grade, where "n" indicates the number of times the course was repeated.

VI. GRADING POLICY REFORM 2015-2018

  In the ten years prior to spring 2015, 30 percent of A-range grades have been given. From fall 2015, Tsinghua initiated a grading reform: A-range grades (A+, A, A-) were to account for 20 percent of the grades given in all courses. In Spring 2019, the faculty reaffirmed its commitment to fair and transparent assessment and removed its numeric target for the percent of A-range grades.

VII. GPA CALCULATION

$$GPA = \frac{\sum Course\ Credit * Grade\ Point}{\sum Course\ Credit}$$

  GPA is shown for students who matriculated in spring 2015 and after in a 4.0 grading scale. Course grades with N/A (Not Applicable) should not be included in GPA calculation.