TSINGHUA UNIVERSITY
ACADEMIC TRANSCRIPT

Student Name Zhang Shiying

Gender Female   **Student No.** 2021011056   **Student Type** Undergraduate   **Date of Admission** September,2021

School/Department School of Economics and Management   **Major** Double Bachelors Degree in Computer Science and Finance

Course Number	Course Title	Credit	Grade	Point	Year-Semester
02070021	Introduction to the Social Service of College Student	1	P	N/A	2021-Autumn
02070301	Freshman Orientation	1	P	N/A	2021-Autumn
10421055	Calculus A(1)	5	A	4.0	2021-Autumn
10421324	Linear Algebra	4	A-	4.0	2021-Autumn
10680053	Ideology,Morality and Rule of Law	3	A	4.0	2021-Autumn
10720011	Physical Education(1)	1	B+	3.6	2021-Autumn
10720150	Swimming Competency Test	0	P	N/A	2021-Autumn
12090052	Military Theory	2	A-	4.0	2021-Autumn
20510154	Principles of Economics	4	A	4.0	2021-Autumn
30210041	Introduction to Information Science and Technology	1	A	4.0	2021-Autumn
30240233	Fundamentals of Programming	3	B	3.3	2021-Autumn
30240604	Discrete Mathematics for Computer Science	4	A	4.0	2021-Autumn
02070012	Introduction to the Communist Party of China	2	P	N/A	2022-Spring
10421065	Calculus A(2)	5	A-	4.0	2022-Spring
10421392	Advanced Topics in Linear Algebra (English)	2	A-	4.0	2022-Spring
10430484	Physics for Scientists and Engineers B(1)	4	P	N/A	2022-Spring
10610193	Outline of Modern Chinese History	3	P	N/A	2022-Spring
10680011	Situation and Policy	1	A-	4.0	2022-Spring
10691342	Writing and Communication	2	A	4.0	2022-Spring
10720021	Physical Education(2)	1	A	4.0	2022-Spring
14205134	French (Second Foreign Language) (1)	4	A-	4.0	2022-Spring
30240532	Foundation of Object-Oriented Programming	2	B+	3.6	2022-Spring
30510123	Accounting Principles	3	A	4.0	2022-Spring
10680042	Introduction to MaoZedong Thought and the Theoretical System of Socialism with Chinese Characterist2	2	P	N/A	2022-Summer
30240522	Programing and Training	2	A	4.0	2022-Summer
10420803	Probability and Statistics	3	A-	4.0	2022-Autumn
10430494	Physics for Scientists and Engineers B(2)	4	P	N/A	2022-Autumn
10510173	Critical Thinking and Moral Reasoning	3	A	4.0	2022-Autumn
10720031	Physical Education(3)	1	A-	4.0	2022-Autumn
30240184	Data Structures	4	B+	3.6	2022-Autumn
30240593	Introduction to Computer Systems	3	B+	3.6	2022-Autumn
30510743	Intermediate Microeconomics	3	A	4.0	2022-Autumn
30510973	Econometrics(1)	3	A	4.0	2022-Autumn
42540012	Students Research Training	2	A-	4.0	2022-Autumn
01510313	Financial Big Data and Quantitative Analytics	3	A-	4.0	2023-Spring
10680022	Introduction to Xi Jinping Thought on Socialism with Chinese Characteristics for a New Era	2	A-	4.0	2023-Spring
10680032	Introduction to MaoZedong Thought and the Theoretical System of Socialism with Chinese Characterist1	2	A-	4.0	2023-Spring
10720041	Physical Education(4)	1	A-	4.0	2023-Spring
30240042	Introduction to Artificial Intelligence	2	A-	4.0	2023-Spring
30240343	Digital Logic Circuit	3	A-	4.0	2023-Spring
30240551	Digital Logic Experimentation	1	A	4.0	2023-Spring
30510763	Intermediate Macroeconomics	3	A	4.0	2023-Spring

Total Credits: 117.0   **GPA:** 3.93   **Date of Graduation:** **********   **Degree Conferred:** *******

Director of Registrar's Office: 尹佳

Official Seal:

Date Printed: July 4, 2023

TSINGHUA UNIVERSITY
ACADEMIC TRANSCRIPT

Student Name Zhang Shiying

Gender Female   **Student No.** 2021011056   **Student Type** Undergraduate   **Date of Admission** September,2021

School/Department School of Economics and Management   **Major** Double Bachelors Degree in Computer Science and Finance

Course Number	Course Title	Credit	Grade	Point	Year-Semester
30511053	Corporate Finance	3	A+	4.0	2023-Spring
40240513	Theory of Computer Network	3	B+	3.6	2023-Spring
40511133	Econometrics(2)	3	A+	4.0	2023-Spring
40511423	Investment	3	A	4.0	2023-Spring
	**********				

Total Credits: 117.0   **GPA:** 3.93   **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.