

TSINGHUA UNIVERSITY

ACADEMIC TRANSCRIPT

Student Name Liu Jinpeng

Gender Male **Student No.** 2022214037 **Student Type** Graduate **Date of Admission** September, 2022

School/Department Tsinghua Shenzhen International Graduate School **Subject** Data Science and Information Technology

Course Number	Course Title	Credit	Degree Course	Grade	Point	Year-Semester
60680021	Introduction to Dialectics of Nature	1	Y	A-	4.0	2022-Autumn
62910031	Professional Ethics	1	Y	P	N/A	2022-Autumn
76000041	Capstone Project	1	Y	P	N/A	2022-Autumn
76000102	English Academic Writing and Communication	2	Y	A-	4.0	2022-Autumn
80250993	Machine Learning	3	Y	A-	4.0	2022-Autumn
86000471	Markov Chains: Theory and Applications	1	Y	A	4.0	2022-Autumn
86000633	Fundamentals of Digital Image and Video Processing	3	Y	B+	3.6	2022-Autumn
86000691	Energy-Environment and Data-Information	1	Y	P	N/A	2022-Autumn
86000793	Information Theory and Statistical Learning	3	Y	A-	4.0	2022-Autumn
60680002	The theory and practice of socialism with Chinese characteristics for the new era	2	Y	B+	3.6	2023-Spring
66000011	Introduction to Creativity, innovation, startup, makers and venture captals	1	Y	A-	4.0	2023-Spring
76000083	Introduction to Quantitative Investment	3	Y	B	3.3	2023-Spring
86000362	Seminar in Data Science and Information Technology	2	Y	A	4.0	2023-Spring
69990021	Literature Review and Thesis Proposal	1	Y	P	N/A	2023-Autumn
60510271	Innovation and Entrepreneurship Practise	1	N	P	N/A	2022-Autumn
86000503	Learning from Data	3		W	N/A	2022-Autumn

Total Credits: 26.0

Degree Course GPA: 3.80

Degree Course Credits: 25

Director of Registrar's Office:

刘沐

Official Seal:

Date Printed: March 19, 2024

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+	4.0	95-100	100
A			98
A-			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

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

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.