


Transcript of Records as per: 13 August 2024
for Yilei TU (student no. 21-946-520)

This is to certify that Yilei Tu, born on 22 February 1999, has completed the following performance assessments within the Master's Degree Programme in Data Science (regulations of 18 October 2016).

| | Sess. | Rep. | Grade | Wgt. | Credits (ECTS) | | |
|---|-------|------|--------|------|----------------|------|-------|
| | | | | | Obt. | Req. | Diff. |
| Master's Degree Programme in Data Science | | | | | 127 | 120 | 0 |
| Core Courses and Interdisciplinary Electives | | | | | 77 | 72 | 0 |
| Core Courses | | | | | 69 | 60 | 0 |
| Data Analysis | | | | | 20 | 16 | 0 |
| Information and Learning | | | | | 10 | 8 | 0 |
| 252-0535-00 S Advanced Machine Learning | W23 | | 6.00 | | 10 | | |
| Statistics | | | | | 10 | 8 | 0 |
| 401-3621-00 S Fundamentals of Mathematical Statistics | W22 | | 5.00 | | 10 | | |
| Data Management | | | | | 20 | 16 | 0 |
| 263-3010-00 S Big Data | W22 | | 4.75 | | 10 | | |
| 261-5110-00 S Optimization for Data Science | S22 | | 5.00 | | 10 | | |
| Core Electives | | | | | 29 | 10 | 0 |
| 263-3210-00 S Deep Learning | W22 | | 4.50 | | 8 | | |
| 252-3005-00 S Natural Language Processing | W23 | | 5.75 | | 7 | | |
| 263-5210-00 S Probabilistic Artificial Intelligence | W22 | | 5.50 | | 8 | | |
| 261-5130-00 S Research in Data Science | W23 | | 6.00 | | 6 | | |
| Interdisciplinary Electives | | | | | 8 | 8 | 0 |
| 401-3936-00 S Data Analytics for Non-Life Insurance Pricing | S23 | | 4.00 | | 4 | | |
| 401-3629-00 S Quantitative Risk Management | S22 | | 6.00 | | 4 | | |
| Data Science Lab | | | | | 14 | 14 | 0 |
| 263-3300-00 S Data Science Lab | W23 | | passed | | 14 | | |
| Seminar | | | | | 4 | 2 | 0 |
| 401-3620-22 S Student Seminar in Statistics: Causality | S22 | | passed | | 4 | | |
| Science in Perspective | | | | | 2 | 2 | 0 |
| 851-0884-00 S Japanese 2 (A1.2) | S22 | | 6.00 | | 2 | | |
| Master's Thesis | | | | | 30 | 30 | 0 |

ETH Zurich, 13 August 2024

Director of Studies



Prof. Dr. Dennis Hofheinz

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| | Sess. | Rep. | Grade | Wgt. | Credits (ECTS) | | |
|---|-------|------|--------|------|----------------|------|-------|
| | | | | | Obt. | Req. | Diff. |
| 261-0800-00 S Master's Thesis | S23 | | 5.75 | | 30 | | |
| Grade Point Average (Weight = Credits) | | | 5.40 | | | | |
| Individual Subjects without Specific Category | | | | | 4 | | |
| MOB-001 Basic German 2; A1 / Sprachenzentrum der UZH und der ETH Zürich | W22 | | 4.50 | | 2 | | |
| MOB-002 Basic German 2; A1: Intensive Course / Sprachenzentrum der UZH und der ETH Zürich | W24 | | 5.25 | | 2 | | |
| 851-0372-00 S Ready, Set, Go! | W24 | | passed | | | | |
| Grade Point Average Over All Courses (Weight = Credits) | | | 5.38 | | | | |

ETH Zurich, 13 August 2024

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Each course listed involves a performance assessment (e.g. an oral or written examination, a written report, a presentation). Credits are granted only if a performance assessment or an examination block is graded as passed. An ECTS credit corresponds to a workload of 30 hours. Grading scale: 6 is the highest, 1 is the lowest grade; passmark is 4. Ungraded performance assessments are marked with either passed or failed.

S: semester course; J: 2-semester course; Sess.: Session; W11: Winter 2010/11; S11: Summer 2011; Wgt.: Weight; Obt.: Credits obtained; Req.: minimum credits required in accordance with the regulations; Diff.: Credits still to be obtained; Rep: assessment repeated.

This document contains a digitally imprinted signature. For further information regarding this document please see www.records.ethz.ch.



香港中文大學 (深圳)
THE CHINESE UNIVERSITY OF HONG KONG, SHENZHEN
LONGGANG • SHENZHEN • CHINA • TEL (0086) 0755 8427 3626 • FAX (0086) 0755 8427 3691
學業成績表
TRANSCRIPT OF ACADEMIC RECORD

Name: TU, Yilei
Student ID No.: 117010251

Chinese Name: 涂毅磊
ID/Passport No.: 510704199902220032

Gender: Male
Date of Birth: 22 Feb 1999

Admitted in: Sep 2017
College: Shaw College
School: School of Science and Engineering
Major/Programme: Statistics
Stream: Data Science
Mode of Study: Full-time
Degree/Diploma: Bachelor of Science with Honours, First Class
Conferred in: Nov 2020

2017-18 Term 1

| Course Code | Course Title | Units | Grade | % of A- and above |
|-------------|------------------------------|-------|-------|-------------------|
| CHI1000 | Chinese | 3.0 | A- | 39.4 |
| CHM1001 | General Chemistry | 3.0 | A | 28.3 |
| MAT1001 | Calculus I | 3.0 | A | 42.2 |
| PHY1001 | Mechanics | 3.0 | A | 29.8 |
| ENG1001 | English Bridge Program (EBP) | 3.0 | B+ | 21.1 |
| PED1001 | PE | 1.0 | B- | 24.7 |

Units Passed = 16.0 Term GPA = 3.731

2017-18 Term 2

| Course Code | Course Title | Units | Grade | % of A- and above |
|-------------|---|-------|-------|-------------------|
| CSC1001 | Introduction to Computer Science: Programming Methodology | 3.0 | A | 36.1 |
| CSC1002 | Computational Laboratory | 1.0 | A- | 20.8 |
| ENG1002 | English for Academic Purposes (I) | 3.0 | B+ | 28.5 |
| GFN1000 | In Dialogue With Nature | 3.0 | B+ | 35.1 |
| ITE1000 | Information Technology | 1.0 | A | 41.0 |
| MAT1002 | Calculus II | 3.0 | A | 28.3 |
| PED1002 | Fitness and Health | 1.0 | B | 28.0 |
| STA2001 | Probability and Statistics I | 3.0 | A | 34.2 |

Units Passed = 18.0 Term GPA = 3.694

Honour(s)/Award(s): Dean's List 2017-18

2017-18 Summer Session

| Course Code | Course Title | Units | Grade | % of A- and above |
|-------------|----------------|-------|-------|-------------------|
| MAT2040 | Linear Algebra | 3.0 | A | 29.9 |

Units Passed = 3.0 Term GPA = 4.000

2018-19 Term 1

| Course Code | Course Title | Units | Grade | % of A- and above |
|-------------|--------------------------------|-------|-------|-------------------|
| CSC3001 | Discrete Mathematics | 3.0 | A | 34.3 |
| ERG2050 | Introduction to Data Analytics | 3.0 | A- | 42.0 |



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學業成績表
TRANSCRIPT OF ACADEMIC RECORD

Name: TU, Yilei

Chinese Name: 涂毅磊

Gender: Male

Student ID No.: 117010251

ID/Passport No.: 510704199902220032

Date of Birth: 22 Feb 1999

2018-19 Term 1

| | | | | |
|---------|----------------------------------|---------------------|----|------------------|
| ERG3010 | Data and Knowledge Management | 3.0 | W | 29.5 |
| GEB2310 | Chemistry in Life | 3.0 | A- | 36.7 |
| STA2002 | Probability and Statistics II | 3.0 | A | 30.6 |
| STA3020 | Statistical Inference | 3.0 | A | 38.7 |
| STA3050 | Statistics Software | 2.0 | A | 29.2 |
| ENG2001 | English for Academic Purposes II | 3.0 | B+ | 30.0 |
| | | Units Passed = 20.0 | | Term GPA = 3.805 |

2018-19 Term 2

| Course Code | Course Title | Units | Grade | % of A- and above |
|-------------|---|---------------------|-------|-------------------|
| GFH1000 | In Dialogue With Humanity | 3.0 | B+ | 35.2 |
| BIO2001 | General Biology | 3.0 | A | 29.9 |
| CSC3002 | Introduction to Computer Science: Programming Paradigms | 3.0 | A- | 35.2 |
| STA3010 | Regression Analysis | 3.0 | A- | 31.4 |
| ERG3020 | Web Analytics and Intelligence | 3.0 | A- | 32.7 |
| ENG2002S | English for Science & Engineering Communication | 3.0 | A- | 27.4 |
| STA3100 | Advanced Statistics | 3.0 | A- | 28.6 |
| | | Units Passed = 21.0 | | Term GPA = 3.686 |

Honour(s)/Award(s): Dean's List 2018-19

2019-20 Term 1

| Course Code | Course Title | Units | Grade | % of A- and above |
|-------------|--|---------------------|-------|-------------------|
| MAT3007 | Optimization | 3.0 | A | 31.5 |
| CSC3100 | Data Structures | 3.0 | A- | 30.7 |
| STA4001 | Stochastic Processes | 3.0 | A- | 31.7 |
| STA4020 | Statistical Modelling in Financial Markets | 3.0 | A- | 30.0 |
| STA4030 | Categorical Data Analysis | 3.0 | A | 35.8 |
| ERG3010 | Data and Knowledge Management | 3.0 | A | 34.0 |
| ERG2080 | Independent Study | 2.0 | B+ | 84.6 |
| | | Units Passed = 20.0 | | Term GPA = 3.795 |

2019-20 Term 2

| Course Code | Course Title | Units | Grade | % of A- and above |
|-------------|------------------------------------|---------------------|-------|-------------------|
| GEA2000 | Modern Chinese History and Culture | 3.0 | P | N/A |
| MAT2002 | Ordinary Differential Equations | 3.0 | A | 36.8 |
| CSC4008 | Techniques for Data Mining | 3.0 | A | 38.5 |
| STA4003 | Time Series | 3.0 | A- | 35.6 |
| | | Units Passed = 12.0 | | Term GPA = 3.900 |





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TRANSCRIPT OF ACADEMIC RECORD

Name: TU, Yilei
Student ID No.: 117010251

Chinese Name: 涂毅磊
ID/Passport No.: 510704199902220032

Gender: Male
Date of Birth: 22 Feb 1999

***** Summary *****

| | Total Units Passed | Cumulative GPA | Major GPA |
|----------------|--------------------|----------------|-------------|
| CUHK(SZ) | 110.0 | 3.764/4.000 | 3.847/4.000 |
| Unit Exemption | 12.0 | - | - |

Remarks:

12.0 units of course(s) taken at another university recognized as equivalent.

Major GPA is the grade point average across a list of Major courses defined by the School Board, as being most relevant to the student's Major.

Director of Registry Services

***** End of Transcript *****

Explanatory Notes for Undergraduate Programmes

Grading System

Degree of BA, BBA, BEng, BSc:

| Grade and Standard | | | Sub-divisions | Converted Points |
|--------------------|-----------|-------|---------------|------------------|
| A | Excellent | ----- | A | 4.0 |
| A- | Very good | ----- | A- | 3.7 |
| B | Good | ----- | B+ | 3.3 |
| | | | B | 3.0 |
| | | | B- | 2.7 |
| C | Fair | ----- | C+ | 2.3 |
| | | | C | 2.0 |
| | | | C- | 1.7 |
| D | Pass | ----- | D+ | 1.3 |
| | | | D | 1.0 |
| F | Failure | ----- | F | 0.0 |

Other designations in grading

| | |
|----|----------------|
| I | Incomplete |
| IP | In progress |
| NR | Not yet graded |
| P | Ungraded pass |
| U | Failure |
| W | Withdrawn |

For specified courses adopting a pass/fail grading basis where other grades are not applicable, results counted towards the total number of units gained by a student but not counted in the calculation of the GPA.

Degree Classification

Degree of BA, BBA, BEng, BSc:

First Class Honours
Second Class Honours Upper Division
Second Class Honours Lower Division
Third Class Honours
Pass

Course Code and Sequence

The first three letters of the course code indicate the subject (e.g. BIO stands for Biology). Normally, full-time undergraduate courses are coded 1000 to 4999.

Total Course Load and Period of Study

Full-time undergraduate students are required to complete 120 units of courses in 4 years. Unit requirements and study periods may also differ for students admitted on advanced standing.

Credit Transfer

Credits accepted for transfer from other institutions are shown as number of units recognized but not included in GPA calculations.



香港中文大學(深圳)

The Chinese University of Hong Kong, Shenzhen

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WEBSITE 网址: <http://registry.cuhk.edu.cn/>
EMAIL 邮箱: registry@cuhk.edu.cn

教 务 处
REGISTRY OFFICE

Certificate of Cumulative GPA Ranking

This is to certify that the Cumulative GPA of TU, Yilei, admitted in 2017, PRC ID: 510704199902220032, is ranked 5th among the 150 graduates in the same cohort majoring in Statistics.

Registry Office

The Chinese University of Hong Kong, Shenzhen

September 24, 2020



香港中文大學(深圳)

The Chinese University of Hong Kong, Shenzhen

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教 务 处
REGISTRY OFFICE

Certificate of Cumulative GPA Ranking

This is to certify that among the 313 graduates of the same cohort in the School of Science and Engineering, the Cumulative GPA of TU, Yilei, admitted in 2017, PRC ID: 510704199902220032, is ranked 11th as the time when this certificate issued.

Registry Office

The Chinese University of Hong Kong, Shenzhen

July 28, 2020




Office of the Registrar
128 Sproul Hall #5404
Berkeley, CA 94720-5404



University of California, Berkeley

This verification is printed on security paper with
the seal of UC Berkeley and the signature of the
University Registrar. A raised seal is not required.


Walter Wong, University Registrar

Name: Tu, Yilei
Birthdate: 02/22/1999

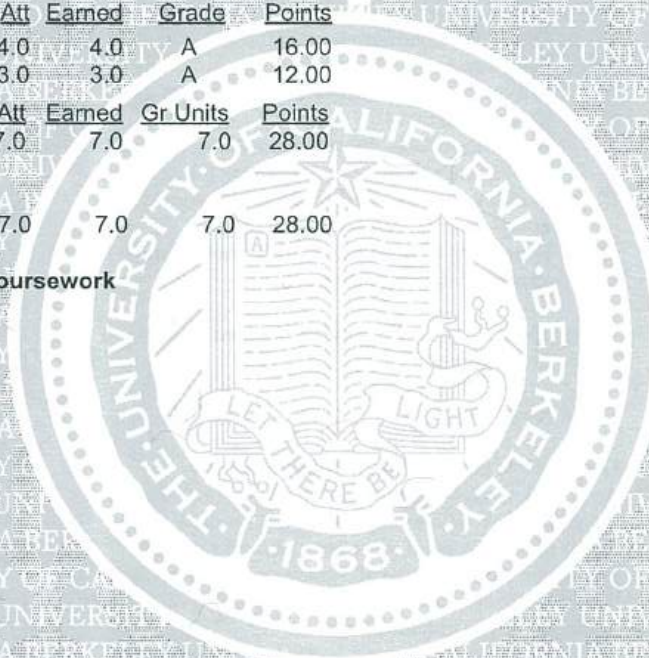
Beginning of Undergraduate Coursework

2019 Summer

Program: Undergrad Non-Degree/NonFinAid
Major: Undeclared Summer Session Visitor

| Course | Title | Att | Earned | Grade | Points |
|-----------------------------|---------------------|-----|--------|----------|--------|
| COMPSCI 189 | INTRO MACHINE LEARN | 4.0 | 4.0 | A | 16.00 |
| STAT 155 | GAME THEORY | 3.0 | 3.0 | A | 12.00 |
| | | Att | Earned | Gr Units | Points |
| Term GPA 4.000 | Term Totals | 7.0 | 7.0 | 7.0 | 28.00 |
| Undergraduate Career Totals | | | | | |
| Cum GPA 4.000 | Cum Totals | 7.0 | 7.0 | 7.0 | 28.00 |

End of UC Berkeley Undergraduate Coursework



TRANSCRIPT INFORMATION

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Office of the Registrar
University of California
Berkeley, California 94720-5404

History

The University of California was created by an Act of the State Legislature in 1868, and classes have been given at Berkeley since 1873.

Units of Credit

Until September 1966, credits were recorded as semester units (hours). From September 1966 through summer 1983 credits were recorded as quarter units (hours). Beginning with the fall term, 1983, credits are recorded as semester units (hours). Quarter system requires 180 units for bachelor's degree. Semester system, 120.

Transfer Credit

Only credit that is accepted by the University is indicated on the transcripts of Berkeley students. Individual courses are not shown.

Examinations and credits accepted are indicated on the transcript in the same manner as transfer credit.

Course Numbering System

1 - 99 - Lower division courses
100 - 199 - Upper division courses
200 - 299 - Graduate courses
300 - 499 - Professional courses for teachers or prospective teachers
600 - 602 - Special Study

Grades of Scholarship

Grades

The work of all students on the Berkeley campus is reported in terms of the following grades:

- A - Excellent
- B - Good
- C - Fair
- D - Barely Passed
- F - Failure
- P - Passed at a minimum level of C-
- NP - Not Passed
- S - Satisfactory or passed at a minimum level of B-
- U - Unsatisfactory
- I - Work incomplete, due to circumstances beyond the student's control, but of passing quality
- IP - Work in progress; final grade to be assigned upon completion of entire course sequence
- M - Temporary administrative grade; not included in grade point computation

The grades A, B, C, and D may be modified by plus (+) or minus (-) suffixes.

Grade Points

Grade points per unit are assigned as follows:
A=4, B=3, C=2, D=1, and F=none. When attached to the grades A, B, C, and D, plus (+) grades carry three-tenths of a grade point more per unit, and minus (-) grades carry three-tenths of a grade point less per unit than unsuffixed grades, except for A+, which carries 4.0 grade points per unit as does an A.

Courses graded P, NP, S, U, I, IP, or M are not used in computing the grade point average.

Academic Standing

Good Standing

Undergraduate: C average
Graduate: B average or better on all work attempted at any UC campus after a bachelor's degree.

Academic Probation

Undergraduate students are placed on academic probation if at the end of any term their cumulative grade point average is less than 2.0 (C average) computed on the total of all courses undertaken in the University. However, in the Colleges of Chemistry and Engineering, probation is determined on a term basis.

Credit Codes

Credit codes may determine the calculation of credit or annotate a course entry as follows:

Current Records System

Fall 1995 to Present

Note: An "I" assigned as of Fall 1973 to present is not included in grade point computation.

Pass/Fail Courses

PN - Course offered only on Pass/Not Pass basis
EPN - Undergraduate grading option Passed/Not Passed
ESU - Graduate grading option Satisfactory/Unsatisfactory
SUS - Graduate courses offered only on Satisfactory/Unsatisfactory basis

PN, EPN, ESU, SUS courses are not included in units ATTM (attempted) or units PSSD (passed), but are included in CREDITS COMPLETED.

Prefixes

C - Cross-listed
H - Honors
N - Summer course
R - Reading & Composition
W - On-line

Previous Record Systems

Prior to Fall 1975

Note: An "I" assigned prior to Fall 1973 is included in grade point computation as an F grade.

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