

Eidgenössische Technische Hochschule Zürich Swiss Federal Institute of Technology Zurich

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 (EC		TS)
					Obt.	Req.	Diff
ster's Degree Programme in Data Science					127	120	
Core Courses and Interdisciplinary Electives					77	72	
Core Courses					69	60	
Data Analysis					20	16	
Information and Learning					10	8	
252-0535-00 S Advanced Machine Learning	W23		6.00		10		
Statistics					10	8	
401-3621-00 S Fundamentals of Mathematical Statistics	W22		5.00		10		
Data Management					20	16	
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	
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	
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	
263-3300-00 S Data Science Lab	W23		passed		14		
Seminar					4	2	
401-3620-22 S Student Seminar in Statistics: Causality	S22		passed		4		
Science in Perspective					2	2	
851-0884-00 S Japanese 2 (A1.2)	S22		6.00		2		
Master's Thesis					30	30	



Director of Studies

Prof. Dr. Dennis Hofheinz





Eidgenössische Technische Hochschule Zürich Swiss Federal Institute of Technology Zurich

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for Yilei TU (student no. 21-946-520)

	Sess.	Rep.	Grade	Wgt.		dits (EC	
261-0800-00 S Master's Thesis	S23	to-non	5.75		30		
Grade Point Average (Weight = Credits)			5.40				
ndividual 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				

Envisor

ETH Zurich, 13 August 2024

Director of Studies

Prof. Dr. Dennis Hofheinz

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:

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	Α	28.3
MAT1001	Calculus I	3.0	Α	42.2
PHY1001	Mechanics	3.0	Α	29.8
ENG1001	English Bridge Program (EBP)	3.0	B+	21.1
PED1001	ar PE suses une con orange of Color III	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	g Methodology 3.0	Α	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	Α	41.0
MAT1002	Calculus II	3.0	Α	28.3
PED1002	Fitness and Health	1.0	В	28.0
STA2001	Probability and Statistics I	3.0	Α	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 abov
MAT2040 Linear A	Algebra	3.0	Α	29.9

Units Passed = 3.0

Grade

Term GPA = 4.000

2018-19 Term 1

Course Code Course Title

Discrete Mathematics CSC3001

ERG2050 Introduction to Data Analytics

ssue Date: 21 Oct 2020

Units

3.0

8.0

% of A- and above 34.3

42.0

Page 1 of 3

Invalid unless impressed with the Seal of the University The maximum GPA attainable is 4.000



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ID/Passport No.: 510704199902220032

Gender: Male

Date of Birth: 22 Feb 1999

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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	Α	30.6
STA3020	Statistical Inference	3.0	Α	38.7
STA3050	Statistics Software	2.0	Α	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	Α	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 Title	Units	Grade	% of A- and above
Optimization	3.0	A	31.5
Data Structures	3.0	A-	30.7
Stochastic Processes	3.0	A-	31.7
Statistical Modelling in Financial Markets	3.0	A-	30.0
Categorical Data Analysis	3.0	Α	35.8
Data and Knowledge Management	3.0	Α	34.0
Independent Study	2.0	B+	84.6
	Optimization Data Structures Stochastic Processes Statistical Modelling in Financial Markets Categorical Data Analysis Data and Knowledge Management	Optimization3.0Data Structures3.0Stochastic Processes3.0Statistical Modelling in Financial Markets3.0Categorical Data Analysis3.0Data and Knowledge Management3.0	Optimization 3.0 A Data Structures 3.0 A- Stochastic Processes 3.0 A- Statistical Modelling in Financial Markets 3.0 A- Categorical Data Analysis 3.0 A Data and Knowledge Management 3.0 A

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	Р	N/A
MAT2002	Ordinary Differential Equations	3.0	Α	36.8
CSC4008	Techniques for Data Mining	3.0	Α	38.5
STA4003	Time Series	3.0	A-	35.6

Units Passed = 12.0

Issue Date 21 Oct 2020

Term GPA = 3.900

Invalid unless impressed with the Seal of the University The maximum GPA attainable is 4.000

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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

*********** Summary ****

Total Units Passed

110.0

Cumulative GPA

Major GPA

CUHK(SZ)

Unit Exemption

12.0

3.764/4.000

3.847/4.000

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

Explanatory Notes for Undergraduate Programmes

Grading System

Degree of BA, BBA, BEng, BSc:

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

Other designations in grading

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/

FAX 传真: +86(0) 755 8427 3691

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

2001 Longxiang Blvd., Longgang District, Shenzhen, China 中国深圳市龙岗区龙翔大道2001号 邮编: 518172 TEL 电话: +86(0) 755 8427 3626 FAX 传真: +86(0) 755 8427 3691 WEBSITE 网址: http://registry.cuhk.edu.cn/

EMAIL 邮系

邮箱: registry@cuhk.edu.cn

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

University of California, Berkeley

the seal of UC Berkeley and the signature of the University Registrar. A raised seal is not required.

Birthdate: 02/22/1999

Beginning of Undergraduate Coursework

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End of UC Berkeley Undergraduate Coursework

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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

- Satisfactory or passed at a minimum level of B-

- Unsatisfactory

 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 threetenths 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.