



Name: **YING, Jiayi 应佳熙**
Student ID: **12233506**
HK ID: **M744562(3)**

Date of Birth: **21 Jan 1990**
Gender: **Male**

Transcript of Academic Record

Date of Issue: **16 June 2022**

Issue To: **YING, Jiayi**

Degree Awarded

Degree: **Doctor of Philosophy in Electronic and Computer Engineering**

Conferred Date: **16 June 2022**

Academic Program

Admit Date: **3 September 2018**

Program: **Doctor of Philosophy**

Field of Study: **Electronic and Computer Engineering**

Academic Records

2018-19 Fall (Full-Time)

Course Code	Course Title	Credit Attempted	Credit Earned	Grade
ELEC5300	Stochastic Processes	3.0	3.0	A+
ELEC5470	Convex Optimization	3.0	3.0	A+
ELEC6950A	Departmental Seminar	0.0	-	P
LANG5000	Foundation in Listening & Speaking for Postgraduate Students	1.0	1.0	P
PDEV6770B	Professional Development for Research Postgraduate Students	1.0	-	PP

TGA: **4.300**

CGA: **4.300**

Cumulative Credits Earned: **7.0**

Awards: **Postgraduate Studentship**

2018-19 Spring (Full-Time)

Course Code	Course Title	Credit Attempted	Credit Earned	Grade
ELEC5450	Random Matrix Theory and Applications	3.0	3.0	B+
MATH5312	Advanced Numerical Methods II	3.0	3.0	A
PDEV6770B	Professional Development for Research Postgraduate Students	1.0	1.0	P

TGA: **3.650**

CGA: **3.975**

Cumulative Credits Earned: **14.0**

Awards: **Postgraduate Studentship**

2019-20 Fall (Full-Time)

Course Code	Course Title	Credit Attempted	Credit Earned	Grade
ELEC7990	Doctoral Thesis Research	0.0	-	PP

TGA: ******

CGA: **3.975**

Cumulative Credits Earned: **14.0**

Qualifying Exam completed on **14 January 2020**

Awards: **Postgraduate Studentship**

2019-20 Spring (Full-Time)

Course Code	Course Title	Credit Attempted	Credit Earned	Grade
ELEC7990	Doctoral Thesis Research	0.0	-	PP
MATH5470	Statistical Machine Learning	3.0	3.0	A

TGA: **4.000**

CGA: **3.980**

Cumulative Credits Earned: **17.0**

Awards: **Postgraduate Studentship**

Academic Registrar



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2020-21 Fall (Full-Time)

Course Code	Course Title	Credit Attempted	Credit Earned	Grade
ELEC7990	Doctoral Thesis Research	0.0	-	PP

TGA: **
CGA: 3.980

Cumulative Credits Earned: **17.0**

Awards: Postgraduate Studentship

2020-21 Spring (Full-Time)

Course Code	Course Title	Credit Attempted	Credit Earned	Grade
ELEC6950B	Departmental Seminar	0.0	-	P
ELEC7990	Doctoral Thesis Research	0.0	-	PP

TGA: **
CGA: 3.980

Cumulative Credits Earned: **17.0**

Awards: Postgraduate Studentship

2021-22 Fall (Full-Time)

Course Code	Course Title	Credit Attempted	Credit Earned	Grade
ELEC7990	Doctoral Thesis Research	0.0	-	PP

TGA: **
CGA: 3.980

Cumulative Credits Earned: **17.0**

Awards: Postgraduate Studentship

2021-22 Spring (Full-Time)

Course Code	Course Title	Credit Attempted	Credit Earned	Grade
ELEC7990	Doctoral Thesis Research	0.0	-	P

TGA: **
CGA: 3.980
GGA: 3.980 (PhD)

Cumulative Credits Earned: **17.0**
Cumulative Credits Counted towards Degree: **17.0**

Thesis Title [PhD(ECE)]: Estimation of Structured Graphical Models: Theory, Algorithms, and Applications

Awards: Postgraduate Studentship

- End of Transcript -

Academic Registrar

EXPLANATORY NOTES

Academic Transcript and Release of Records

The academic transcript provides the full record of a student's academic results and performance. This record may not be released to any other party without the written consent of the student, in accordance with Personal Data (Privacy) Ordinance established in 1996.

Calendar

The academic year begins on 1 September and ends on 31 August of the following year. There are four terms in each academic year, namely Fall, Winter, Spring and Summer. Fall and Spring are regular terms with thirteen weeks of scheduled classes.

Degree Awarded

The undergraduate programs offered by the University all lead to honors degrees. The University also offers postgraduate programs leading to master degrees, doctoral degrees and graduate diplomas.

Credit Unit

Credit units are earned through the completion of courses and other assessed learning activities. For undergraduate courses, one credit unit generally represents 40 to 50 learning hours. For postgraduate courses, one credit is normally designated for one lecture, one tutorial or three laboratory/field study hours per week.

Grading

Students receive a grade in each course in which they are enrolled. Transfer credits and courses graded HP/P/LP/U/Y, AU, CR, DI, DN, I, IP, P, PA, PP, PS, T and W are omitted from the calculation of grade point averages.

Letter Grade	Definition for Undergraduate Course	Definition for Postgraduate Course
A+, A, A-	Excellent Performance	Excellent Performance
B+, B	Good Performance	Good Performance
B-	Good Performance	Marginal Performance ^①
C+, C	Satisfactory Performance	Marginal Performance
C-	Satisfactory Performance	–
D	Marginal Pass	–
F	Failure	Failure

Other Grade	Definition
AU	Audited
CR	Credit
DI	Distinction
DN	Distinction
I	Incomplete
IP	In Progress ^②
P	Pass, Ungraded
PA	Pass, Graded
PP	Permitted to Proceed
PS	Pass, Graded
T	Transferred
W	Withdrawal without Penalty

HP/P/LP/U/Y Grade (used in Executive Programs)	Definition
HP	High Pass
P	Pass
LP	Low Pass
U	Unsatisfactory
Y	Incomplete

^① Definition revised from 'Good Performance' from 1999-2000 Fall

^② Ceased to be used from 1997-98 Fall

Grade Averages

With effect from 2010-11 Spring, the University adopted a 4-point grading system to replace the 12-point system that had been used since 1991-92 in the calculation of grade averages. The following grade averages are calculated:

TGA (Term Grade Average): TGA is calculated across all courses taken in a term.

CGA (Cumulative Grade Average): CGA is calculated for all the courses earning grade points completed since first registration in a program up to the point of calculation.

GGA (Graduation Grade Average): GGA is the student's CGA adjusted by excluding courses from the calculation under established University rules.

MCGA (Major Cumulative Grade Average) is calculated based on the grade points earned for the courses used to fulfill the major requirements and the requirements of the corresponding School or Interdisciplinary Programs Office, where appropriate. For students admitted in 2018-19 academic year or after, the classification of awards is based on a two-tier system of MCGA and overall CGA.

Before 2010-11 Spring, SGA (Semester Grade Average) was used:

SGA (Semester Grade Average) is the combined grade average covering all courses taken in Fall including the following Winter or Spring including the following Summer.

The following table shows the conversion of 12-point and 4-point grading system:

12-point System (1991-92 Fall to 2010-11 Winter)	Letter Grade	4-point System (effective from 2010-11 Spring)
Course Grade Point		Course Grade Point
12	A+	4.3
11	A	4.0
10	A-	3.7
9	B+	3.3
8	B	3.0
7	B-	2.7
6	C+	2.3
5	C	2.0
4	C-	1.7
-	D+	-
2	D	1.0
-	D-	-
0	F	0

Further information about the academic transcript is available at <https://registry.hkust.edu.hk/transcript>. Please email all queries to the Academic Registry of the University at atranscript@ust.hk.

The Hong Kong University of Science and Technology issues some official documents in electronic format which are verifiable. The Blockcerts technology is adopted in registering and verifying the electronic documents in the format of a JSON file.

The JSON file and the associated URL are issued to the graduates/students who may pass them to other parties at their discretion. **After successful verification of the JSON file at the University official website (<https://registry.hkust.edu.hk/verify>), an authenticated copy of the document can be viewed or downloaded in formats such as PDF or HTML.**