

Name: LIU, Ran 刘然
Student ID: 20739401
Year of Study: 1st Year
Print Date: 12 March 2025
 20:59:48

Reg Status: Active in Program

Unofficial Transcript of Academic Record (as of 12 March 2025)

Advisor(s): WANG, Jiguang

Degree Awarded

Degree: Bachelor of Science in Biochemistry and Cell Biology, and in Data Science and Technology
 Classification: First Class Honors
 Conferred Date: 31 July 2024

Course Code	Course Title	Credit Attempted	Credit Earned	Grade
LANG1002S	English for University Studies I	3.0	3.0	B-
LIFS1902	General Biology II	3.0	3.0	A
MATH1023	Honors Calculus I	3.0	3.0	A+
OCES1030	Environmental Science	3.0	3.0	B+
SCIE1000	Science School Induction	0.0	-	PP

TGA: 3.720

CGA: 3.720

Academic Program

Admit Date: 7 September 2020
 Program: Bachelor Degree in School of Science

Program Change: 2021-22 Fall
 Program: Bachelor of Science
 Major: Biological Science/ Biochemistry and Cell Biology/ Biotechnology

Program Change: 2021-22 Spring
 Program: Bachelor of Science
 Major: Biochemistry and Cell Biology

On Exchange: 2022-23 Spring
 University of California, Berkeley

Effective: 2023-24 Fall
 Add Major: Data Science and Technology

Admit Date: 2 September 2024
 Program: Doctor of Philosophy
 Field of Study: Life Science

Cumulative Credits Earned: 16.0

Awards: Dean's List

2020-21 Spring (Full-Time)

Course Code	Course Title	Credit Attempted	Credit Earned	Grade
CHEM1030	General Chemistry II	3.0	3.0	A+
CHEM1055	Laboratory for General Chemistry II	1.0	1.0	P
COMP1021	Introduction to Computer Science	3.0	3.0	A+
HLTH1010	Healthy Lifestyle	0.0	-	P
LANG1003S	English for University Studies II	3.0	3.0	A-
LIFS2040	Cell Biology	3.0	3.0	A+
MATH1024	Honors Calculus II	3.0	3.0	A
PHYS1112	General Physics I with Calculus	3.0	3.0	A+
SCIE1000	Science School Induction	0.0	-	P

TGA: 4.150

CGA: 3.955

Cumulative Credits Earned: 35.0

Awards: Dean's List

Academic Records

2020-21 Fall (Full-Time)

Course Code	Course Title	Credit Attempted	Credit Earned	Grade
CHEM1020	General Chemistry IB	3.0	3.0	A+
CHEM1050	Laboratory for General Chemistry I	1.0	1.0	P
HLTH1010	Healthy Lifestyle	0.0	-	PP

2020-21 Summer (Full-Time)

Course Code	Course Title	Credit Attempted	Credit Earned	Grade
UROP1000	Undergraduate Research Opportunities	0.0	-	P

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Course Code	Course Title	Credit Attempted	Credit Earned	Grade
TGA: **				
CGA: 3.955				
Cumulative Credits Earned: 35.0				

2021-22 Fall (Full-Time)

Course Code	Course Title	Credit Attempted	Credit Earned	Grade
CHEM2110	Organic Chemistry I	3.0	3.0	A+
COMP2012H	Honors Object-Oriented Programming and Data Structures	5.0	5.0	A+
COMP2711	Discrete Mathematical Tools for Computer Science	4.0	4.0	A+
LIFS2210	Biochemistry I	3.0	3.0	A+
LIFS2720	Biochemistry Laboratory	2.0	2.0	P
LIFS2820	Biochemical Laboratory Techniques	1.0	1.0	A-
LIFS3140	General Genetics	4.0	4.0	A+
UROP1100E	Undergraduate Research Opportunities Series 1	1.0	1.0	P

TGA: 4.270

CGA: 4.074

Cumulative Credits Earned: 58.0

Awards: Dean's List
 The D. H. Chen Foundation Life Science Scholarship
 University's Scholarship Scheme for Continuing Undergraduate Students

2021-22 Winter (Full-Time)

Awards: The D. H. Chen Foundation Life Science Scholarship
 University's Scholarship Scheme for Continuing Undergraduate Students

2021-22 Spring (Full-Time)

Course Code	Course Title	Credit Attempted	Credit Earned	Grade
CHEM2155	Fundamental Organic Chemistry Laboratory	1.0	1.0	A+
COMP3311	Database Management Systems	3.0	3.0	A
HUMA2104	Music Theory I: Introduction to Tonal Music	3.0	3.0	A
LIFS1904	Laboratory for General Biology II	1.0	1.0	P
LIFS2220	Biochemistry II	3.0	3.0	A+
LIFS2240	Cell Biology Laboratory	3.0	3.0	P
LIFS3150	Biostatistics	3.0	3.0	A
LIFS3580	Bioinformatics	3.0	3.0	A
MATH2023	Multivariable Calculus	4.0	4.0	A

TGA: 4.060

CGA: 4.070

Cumulative Credits Earned: 82.0

Awards: Dean's List
 The D. H. Chen Foundation Life Science Scholarship
 University's Scholarship Scheme for Continuing Undergraduate Students

2021-22 Summer (Full-Time)

Course Code	Course Title	Credit Attempted	Credit Earned	Grade
ISOM1380	Technology and Innovation: Social and Business Perspectives	3.0	3.0	A+

TGA: 4.300

Transfer Credit(s) from Fudan University through virtual study and equivalent course(s) of HKUST:

SOSC1840	Government, Law and Society in China	3.0	3.0	T
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CGA: 4.079

Cumulative Credits Earned: 85.0

Cumulative Transfer Credits: 3.0

Awards: The D. H. Chen Foundation Life Science Scholarship
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2022-23 Fall (Full-Time)

Course Code	Course Title	Credit Attempted	Credit Earned	Grade
COMP3711	Design and Analysis of Algorithms	3.0	3.0	A+
COMP4211	Machine Learning	3.0	3.0	A
LANG2010	English for Science I	3.0	3.0	B
LIFS2010	Modern Approaches to Biochemical and Cell Biological Research	3.0	3.0	A
LIFS3010	Molecular and Cellular Biology I	3.0	3.0	A+
MATH2121	Linear Algebra	4.0	4.0	A+
MATH2421	Probability	4.0	4.0	A+

TGA: 4.052

CGA: 4.073

Cumulative Credits Earned: 108.0

Cumulative Transfer Credits: 3.0

Awards: Dean's List
 The D. H. Chen Foundation Life Science Scholarship
 Chiaphua Industries Limited Scholarship for Chinese Mainland Undergraduate Students
 University's Scholarship Scheme for Continuing Undergraduate Students
 HKSAR Government Scholarship Fund - Reaching Out Award

2022-23 Winter (Full-Time)

Awards: The D. H. Chen Foundation Life Science Scholarship
 Chiaphua Industries Limited Scholarship for Chinese Mainland Undergraduate Students
 University's Scholarship Scheme for Continuing Undergraduate Students
 HKSAR Government Scholarship Fund - Reaching Out Award

2022-23 Spring (Full-Time)

Course Code	Course Title	Credit Attempted	Credit Earned	Grade
Transfer Credit(s) from University of California, Berkeley and equivalent course(s) of HKUST:				
LIFS3110	Biotechnological Application of Recombinant DNA Techniques	3.0	3.0	T
LIFS4060	Immunobiology	3.0	3.0	T
LIFS4090	Developmental Biology	3.0	3.0	T

Course Code	Course Title	Credit Attempted	Credit Earned	Grade
MATH2033	Mathematical Analysis	4.0	4.0	T
MATH3425	Stochastic Modeling	3.0	3.0	T

Cumulative Credits Earned: 108.0

Cumulative Transfer Credits: 19.0

Awards: The D. H. Chen Foundation Life Science Scholarship
 Chiaphua Industries Limited Scholarship for Chinese Mainland Undergraduate Students
 University's Scholarship Scheme for Continuing Undergraduate Students
 HKSAR Government Scholarship Fund - Reaching Out Award

2022-23 Summer (Full-Time)

Awards: The D. H. Chen Foundation Life Science Scholarship
 Chiaphua Industries Limited Scholarship for Chinese Mainland Undergraduate Students
 University's Scholarship Scheme for Continuing Undergraduate Students
 HKSAR Government Scholarship Fund - Reaching Out Award

2023-24 Fall (Full-Time)

Course Code	Course Title	Credit Attempted	Credit Earned	Grade
COMP4981	Final Year Project	6.0	-	PP
DSCT4900	Academic and Professional Development	0.0	-	PP
HUMA1000B	Cultures and Values: Righteousness, Destiny and Well-being	3.0	3.0	A-
HUMA2107	Introduction to Electronic Music Composition	3.0	3.0	A-
LANG3024	Science Communication in English (Life Science)	3.0	3.0	B
LIFS4760	Biochemistry of Diseases	3.0	3.0	B-
LIFS4971	Biochemistry and Cell Biology Project Research I	3.0	3.0	A
MATH3332	Data Analytic Tools	3.0	3.0	A+
MATH3423	Statistical Inference	3.0	3.0	A

TGA: 3.629

CGA: 3.995

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Cumulative Credits Earned: 129.0
Cumulative Transfer Credits: 19.0

Awards: The Joseph Lau Luen Hung Charitable Trust Scholarship

2023-24 Winter (Full-Time)

Awards: The Joseph Lau Luen Hung Charitable Trust Scholarship

2023-24 Spring (Full-Time)

Course Code	Course Title	Credit Attempted	Credit Earned	Grade
COMP4981	Final Year Project	6.0	6.0	A-
DSCT4900	Academic and Professional Development	0.0	-	P
LANG1424P	Chinese Writing in Cultural Contexts	3.0	3.0	A-
LIFS3020	Molecular and Cellular Biology II	3.0	3.0	A-
LIFS4140	Cancer Biology	3.0	3.0	A
LIFS4981	Biochemistry and Cell Biology Project Research II	4.0	4.0	A+
MATH3322	Matrix Computation	3.0	3.0	A+
MATH3424	Regression Analysis	3.0	3.0	A-
PHYS1007	Quantum Information for Everyone	3.0	3.0	A+

TGA: 3.946
CGA: 3.986
MCGA: 4.056 (BSc)

Cumulative Credits Earned: 157.0
Cumulative Transfer Credits: 19.0
Cumulative Credits Counted towards Degree: 157.0

Awards: Dean's List
 The Joseph Lau Luen Hung Charitable Trust Scholarship
 Hong Kong University of Science and Technology Academic Achievement Medal

2024-25 Fall (Full-Time)

Course Code	Course Title	Credit Attempted	Credit Earned	Grade
COMP5331	Knowledge Discovery in Databases	3.0	3.0	A+
LANG5005E	Communicating Research in English	1.0	1.0	P

Course Code	Course Title	Credit Attempted	Credit Earned	Grade
LIFS5310	Biostatistics: Theory and Application in Life Science Research	3.0	3.0	A+
LIFS6113H	Current Topics in Biochemistry and Biophysics	2.0	2.0	P
LIFS6410G	Seminar Enrichment Course	1.0	1.0	P
LIFS7990	Doctoral Thesis Research	0.0	-	PP
MATH6915	Scientific Computation Seminar	1.0	1.0	P
PDEV6770A	Professional Development for Research Postgraduate Students	1.0	-	PP
PDEV6800Z	Introduction to Teaching and Learning in Higher Education	0.0	-	P

TGA: 4.300
CGA: 4.300

Cumulative Credits Earned: 11.0

Awards: Hong Kong PhD Fellowship Award

2024-25 Spring (Full-Time)

Course Code	Course Title	Credit Attempted	Credit Earned	Grade
CSIC5011	Topological and Geometric Data Reduction and Visualization	3.0	-	**
LIFS5001	Responsible Conduct of Biomedical and Biotechnology Research	3.0	-	**
LIFS6115H	Current Topics in Development and Systems Biology	2.0	-	**
LIFS6410H	Seminar Enrichment Course	1.0	-	**
LIFS7990	Doctoral Thesis Research	0.0	-	**
PDEV6770A	Professional Development for Research Postgraduate Students	1.0	-	**
PDEV6800A	Introduction to Teaching and Learning in Higher Education	0.0	-	**

TGA: **
CGA: 4.300
Current GGA: 4.300 (PhD LIFS)

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Cumulative Credits Earned: 11.0

- End of Transcript -