

THE UNIVERSITY OF HONG KONG

香港大學

Transcript of Academic Record 學業成績表

Issue Date: October 12, 2023

Name: Mr. Kwan Man 關敏
Date of Birth: May 20, XXXX

University No: 3035442374
H.K.I.D. No: V1XXX95(6)

Prizes and Awards
Postgraduate Scholarships ##

Academic Year

Curriculum Admitted
Bachelor of Science (BSc) - Third Year
Master of Philosophy (MPhil)
Doctor of Philosophy (PhD)

Date
September 2017
September 2021
September 2023

Degrees/Diplomas Conferred
Bachelor of Science - Second Class Honours (Division Two)
Master of Philosophy

Date of Conferment
December 3, 2020
2023

Curriculum: BSc
Academic Year: 2017-2018 Mode of Study: Full-time Semester 1

Course Code & Description	Credits Attempted	Credits Gained	Grade	Point
PHYS2150 Methods in physics I	6	6	B	18.0
PHYS2265 Modern physics	6	6	A	24.0
PHYS3350 Classical mechanics	6	6	C+	13.8
PHYS3650 Observational astronomy	6	6	B	18.0
PHYS3850 Waves and optics	6	0	N	0.0
PHYS3850 Waves and optics	6	6	B	18.0
SCNC1111 Scientific method and reasoning	6	6	B	18.0
Semester GPA: 3.05	Cumulative GPA: 3.05			

Curriculum: BSc
Academic Year: 2017-2018 Mode of Study: Full-time Semester 2

Course Code & Description	Credits Attempted	Credits Gained	Grade	Point
CAES9820 Academic English for Science Students	6	6	B	18.0
CCHU9068 Shaping our World: Liberalism, Socialism and Nationalism	6	6	B+	19.8
CCST9051 What are We Made of - the Fundamental Nature of Matter	6	6	A-	22.2
PHYS2055 Introduction to relativity	6	6	C+	13.8
PHYS3652 Principles of astronomy	6	6	A-	22.2
SCNC1112 Fundamentals of modern science	6	6	B	18.0
Semester GPA: 3.17	Cumulative GPA: 3.11			

Curriculum: BSc
Academic Year: 2017-2018 Mode of Study: Full-time Summer Semester

Course Code & Description	Credits Attempted	Credits Gained	Grade	Point
PHYS4966 Physics Internship	6	6	P	0.0
Semester GPA: 0.00	Cumulative GPA: 3.11			

Curriculum: BSc
Academic Year: 2018-2019 Mode of Study: Full-time Semester 1

Course Code & Description	Credits Attempted	Credits Gained	Grade	Point
PHYS3351 Quantum mechanics	6	6	C+	13.8
PHYS3651 The physical universe	6	6	B	18.0
PHYS4350 Advanced classical mechanics	6	6	A-	22.2
PHYS4653 Cosmology	6	6	B	18.0
Semester GPA: 3.00	Cumulative GPA: 3.08			

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Curriculum: BSc

Academic Year: 2018-2019 Mode of Study: Full-time Semester 2

Course Code & Description	Credits Attempted	Credits Gained	Grade	
			Grade	Point
EASC2408 Planetary geology	6	6	C-	10.2
PHYS2155 Methods in physics II	6	6	B	18.0
PHYS3550 Statistical mechanics & thermodynamics	6	6	C	12.0
PHYS3851 Atomic and nuclear physics	6	6	C	12.0
PHYS4351 Advanced quantum mechanics	6	6	C-	10.2
PHYS4650 Stellar physics	6	6	C+	13.8
Semester GPA: 2.12	Cumulative GPA: 2.82			

Curriculum: BSc

Academic Year: 2018-2019 Mode of Study: Full-time Summer Semester

Curriculum: BSc

Academic Year: 2019-2020 Mode of Study: Full-time Semester 1

Course Code & Description	Credits Attempted	Credits Gained	Grade	
			Grade	Point
PHYS4651 Selected topics in astrophysics	6	6	B	18.0
Semester GPA: 3.00	Cumulative GPA: 2.83			

Curriculum: BSc

Academic Year: 2019-2020 Mode of Study: Full-time Semester 2

Course Code & Description	Credits Attempted	Credits Gained	Grade	
			Grade	Point
PHYS3450 Electromagnetism	6	6	C+	13.8
PHYS3999 Directed studies in physics	6	6	A+	25.8
Semester GPA: 3.30	Cumulative GPA: 2.86			

Curriculum: BSc

Academic Year: 2019-2020 Mode of Study: Full-time Summer Semester

Overall Result: Second Class Honours (Division Two)

Capstone and Other Learning Experiences:

Capstone: Project-based learning

Academic Year: 2019-2020 PHYS3999 Directed studies in physics - Project title: GRMHD simulations of black hole accretion disks and jets

Capstone: Professional preparation

Academic Year: 2017-2018 PHYS4966 Physics internship - Ho Koon Nature Education cum Astronomical Centre

Duration: 8 week(s)

Curriculum Requirements Completed

Major in Physics

Major in Astronomy

Advanced Standing:

Advanced standing credits gained from courses taken at HKU SPACE Community College:

Credits

Gained	Requirement Fulfilled for Current Curriculum
24	Core/Compulsory - Major in Physics
6	English Language Enhancement - Core University English

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6	Chinese Language Enhancement
24	Common Core
54	Electives
6	Core/Compulsory - Major in Astronomy

Total Advanced Standing Credits: 120
Total Credits Gained for the Curriculum: 156
Cumulative GPA: 2.86Curriculum: MPhil - Physics
Academic Year: 2021-2022

Course Code & Description

Course Code & Description	Units	Grade
GRSC6100 Doing Research @ HKU		P
GRSC6101 Responsible Conduct of Research		P
GRSC6102 Stream-based Responsible Conduct of Research		P
GRSC6108 Online Transferable Skills Programme		P
GRSC6121 Introduction to Thesis Writing (Sciences)		P
PHYS8001 Selected Topics in Computational Modelling and Data Analysis in Physics		P
PHYS8002 Advanced Topics in Theoretical Physics		P
PHYS8201 Basic research methods in physical science		P
PHYS8654 General Relativity		P
PHYS8950 Postgraduate Seminar		P
SSAF6001 Basic laboratory safety course for research postgraduate candidates in Faculty of Science		P

Curriculum: MPhil - Physics
Academic Year: 2022-2023

Course Code & Description

Course Code & Description	Units	Grade
PHYS8701 Physics experimental techniques		P

Curriculum: MPhil - Physics

Field of Study

High Energy Astrophysics, GRMHD Simulations, Black Hole Accretion, Cosmology

Thesis Title

SIMULATING SPHERICAL AND EXTREME ACCRETION EVENTS AROUND BLACK HOLES

June 2023: Thesis submitted

Result: Satisfactory

August 2023: All degree requirements completed

Overall Result: Pass

Mode of Study: Full-time

The postgraduate scholarship shall be paid for the duration of the normative period of study for qualified full-time M.Phil. candidates.

Curriculum: PhD - Physics

Academic Year: 2023-2024

Curriculum: PhD - Physics

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Field of Study

High Energy Astrophysics, Black Hole Accretion Physics

Mode of Study: Full-time

- END OF TRANSCRIPT -

Certified as correct for the Registrar:

(Signature)

