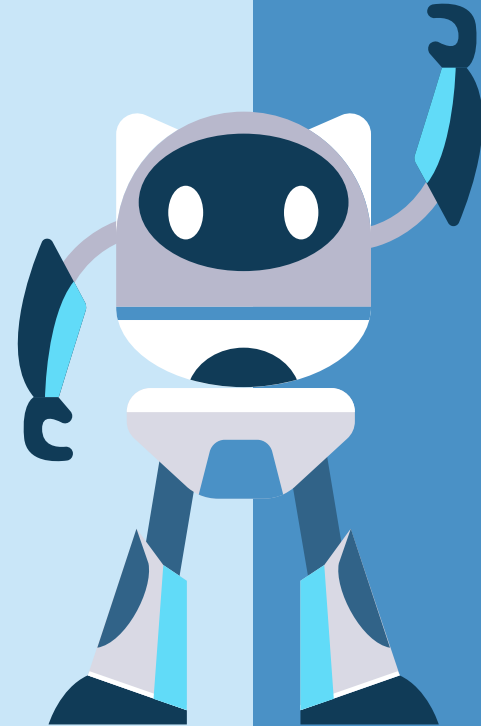


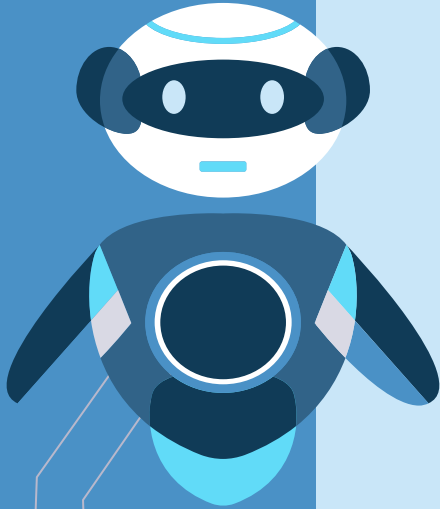
# ■ MIT Undergraduate Programmes 2026-27

- BSc(AIEdTech)
- BSc(AIET)&BEd(PM)
- BSc(AIET)BEd(ICTPSci)



# ■ MIT Programme Video





# ■ Why Choose Our Programmes?

# AI 2025-2026

2025



2026



Hermes Agent

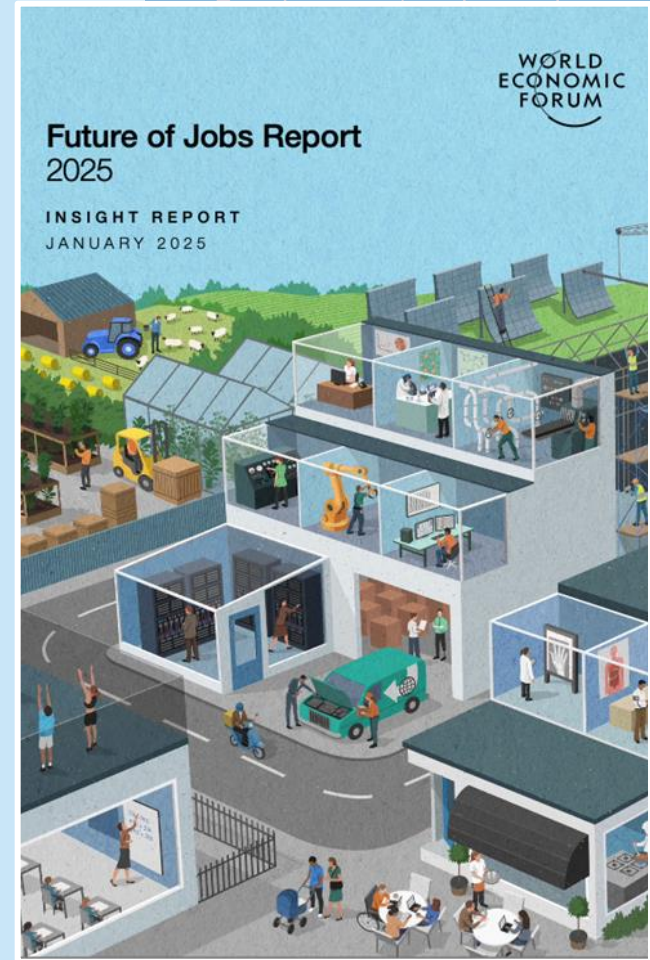
# 2025 Future of Jobs Report: global labour market from 2025 to 2030

14% increase (170  
million jobs)

- specialists in big data, artificial intelligence, machine learning, and related industries

8% decrease (92  
million jobs)

- traditional clerical and administrative positions



## 激发数字经济创新活力

持续推进“人工智能+”行动，

支持大模型广泛应用

大力发展智能网联新能源汽车、人工智能手机和电脑、智能机器人等新一代智能终端以及智能制造装备

扩大5G规模化应用

——2025年政府工作任务



# AI+

# AI + EdTech

- **AI+ is now a national policy in China:**
  - Continue to promote the **AI+** Initiative
  - Support the **wide application** of large language models
  - Vigorously develop a **new generation of intelligent terminals** such as intelligent connected new energy vehicles, AI-powered mobile devices, intelligent robots, as well as intelligent manufacturing equipment
  - Expand the large-scale application of **5G**

01

# BSc(AIEdTech)

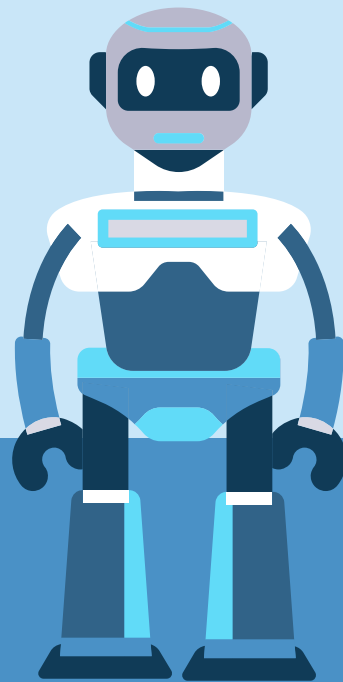
Bachelor of Science (Honours) in Artificial Intelligence and  
Educational Technology (JS8714)

人工智能與教育科技榮譽理學士

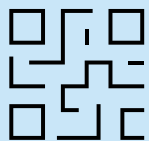
**Programme Leader of BSc(AI&EdTech)**

Dr CHEUNG Ho Yin Haoran

Email: [hynchung@eduhk.hk](mailto:hynchung@eduhk.hk)



# Bachelor of Science (Honours) In Artificial Intelligence and Educational Technology



**JUPAS code:**

JS8714



**Duration of Study:**

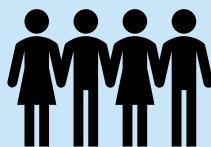
4 years (Year I Admissions)

2 years (Senior Year Admissions)



**Funding Category:**

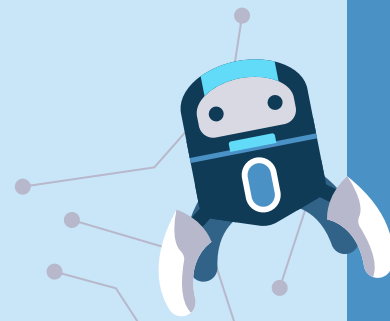
UGC-funded



**Intake in 2025/26:**

30 (Year I Admissions)

30 (Senior Year Admissions)

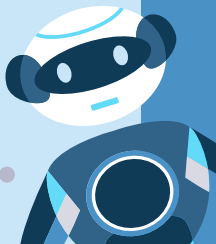


# ■ Programme Aims

This programme aims at providing students with a wide range of knowledge and skills in **artificial intelligence (AI)** and **educational technology (EdTech)**.

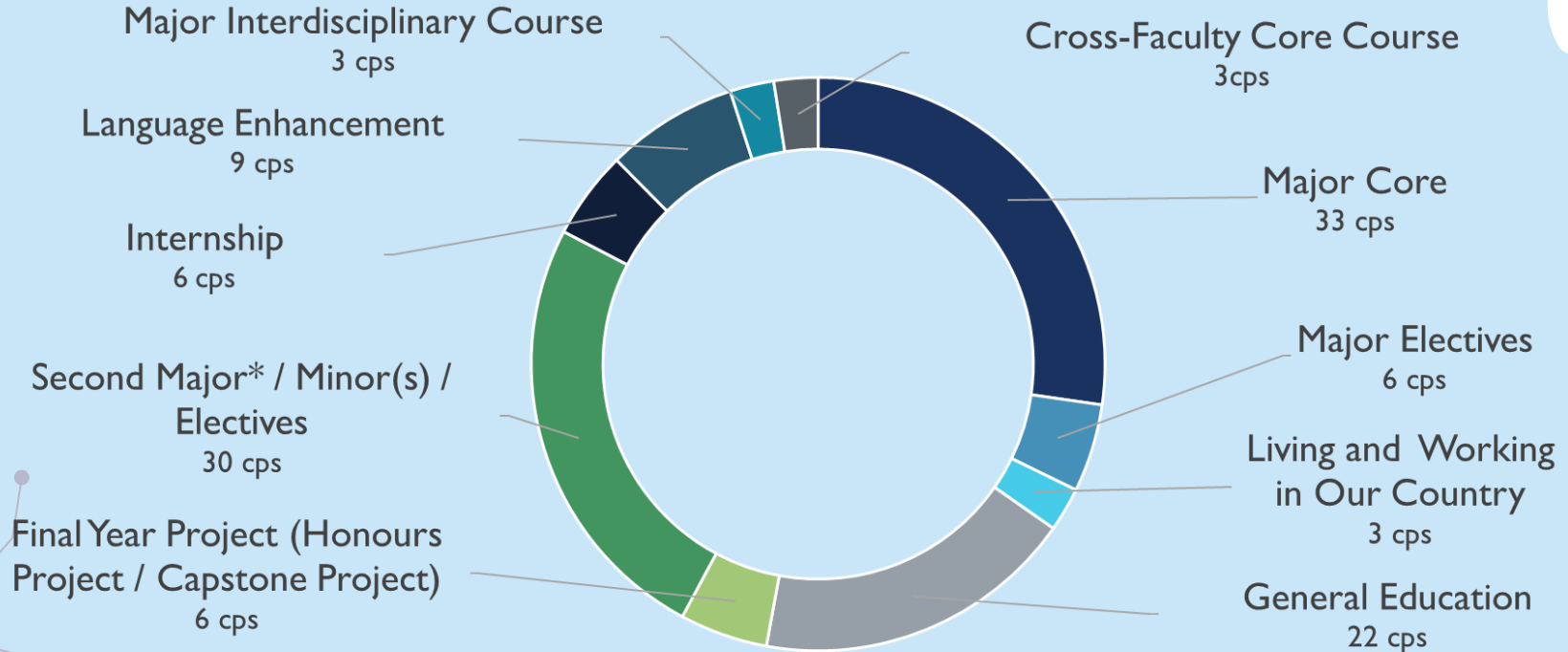
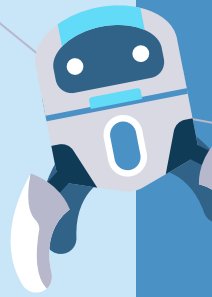
Upon successful completion of the programme, students will be able to:

1. demonstrate knowledge and understanding of concepts and tools in AI & EdTech;
2. apply knowledge of AI & EdTech appropriate to teaching and learning;
3. identify, formulate and address educational problems by using appropriate methods of AI & EdTech in practice; and
4. design, implement and evaluate ethical use of AI & EdTech in an educational project to meet desired needs.



# Programme Structure (Year 1 Admissions)

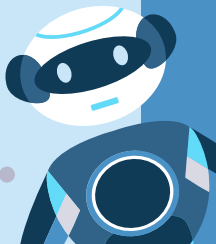
Medium of Instruction: English



# Major Courses

- Fundamentals of Neural Networks
- Data Structures and Algorithms for Data Mining
- Introduction to Natural Language Processing
- Introduction to Programming and Problem Solving
- Calculus
- Introduction to Probability and Statistics
- Introduction to Educational Technology and Its Applications in Mainland China
- Artificial Intelligence and Machine Learning in Education
- Digital Games and Learning in Educational Settings
- Deep Learning for Computer Vision and Education
- Applied Robotics with Applications to Special Education
- Technologies in STEM and AI Education

#coding #robotics #AI #STEM #data #educational technology



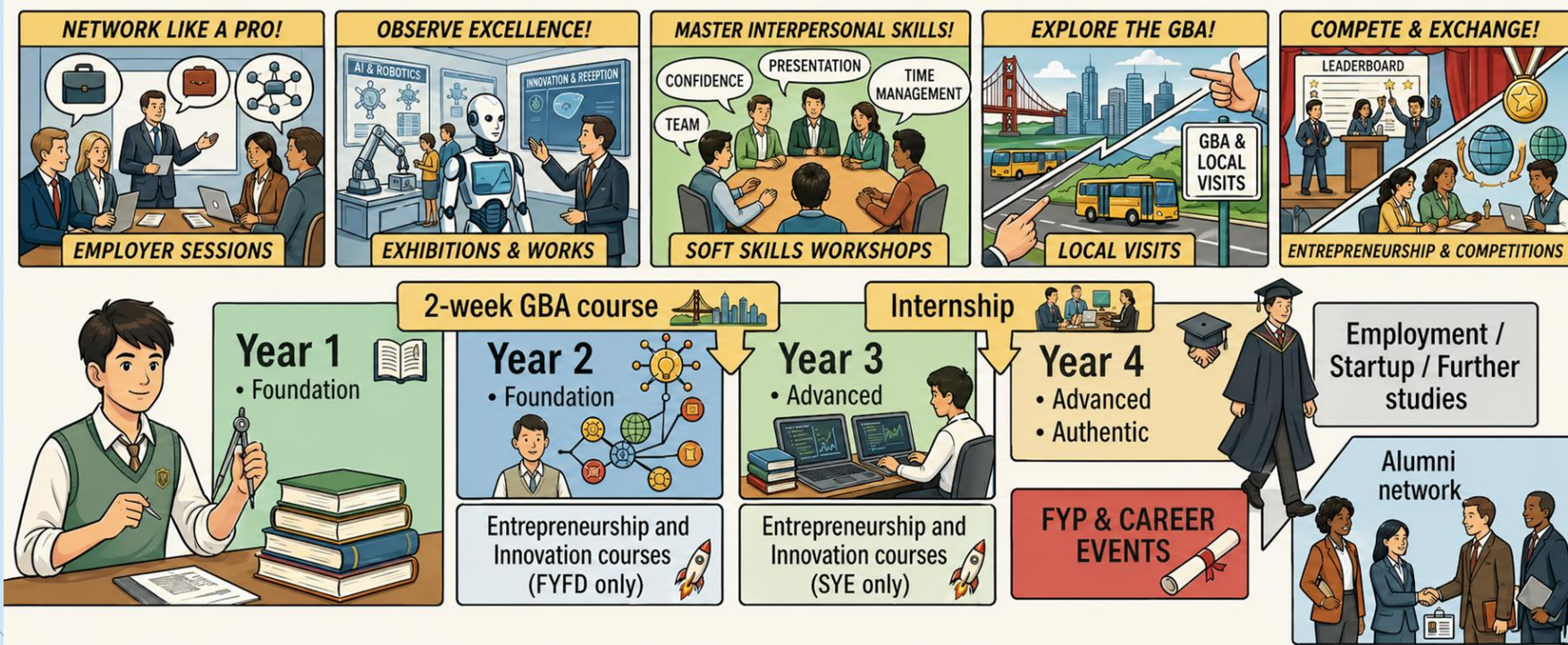
# Programme Features

- **Industry-Relevant Skills:** Provides technical knowledge in AI, including machine learning, neural networks, natural language processing, computer vision, and data science, along with essential soft skills for various career paths.
- **Interdisciplinary Focus:** Integrates AI with educational technology, preparing students for roles at the intersection of these fields.
- **Hands-on Learning:** Emphasizes practical experience through internships, projects, and lab work, enabling students to apply their skills in real-world settings.



# Learning and Professional Development Journey

(Illustrative diagram. Refer to our Programme Website for official information.)

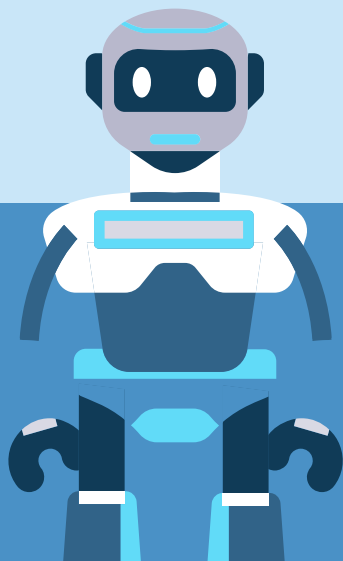


02

# BSc(AIET)&BEEd(PM)

Bachelor of Science (Honours) in Artificial Intelligence and Educational  
Technology and Bachelor of Education (Honours) (Primary Mathematics)  
(JS8009)

人工智能與教育科技榮譽理學士及小學數學教育榮譽學士

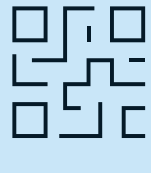


**Programme Leader of BSc(AIET)&BEEd(PM)**

Dr CHENG Kell Hiu Fai

Email: [khfcheng@eduhk.hk](mailto:khfcheng@eduhk.hk)

# **Bachelor of Science (Honours) in Artificial Intelligence and Educational Technology and Bachelor of Education (Honours) (Primary Mathematics)**



**JUPAS code:**  
JS8009



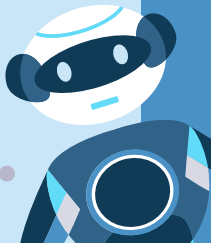
**Duration of Study:**  
5 years



**Funding Category:**  
UGC-funded

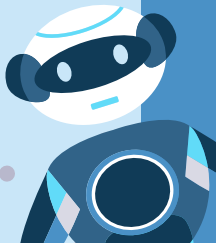


**Intake in 2025/26:**  
44 students

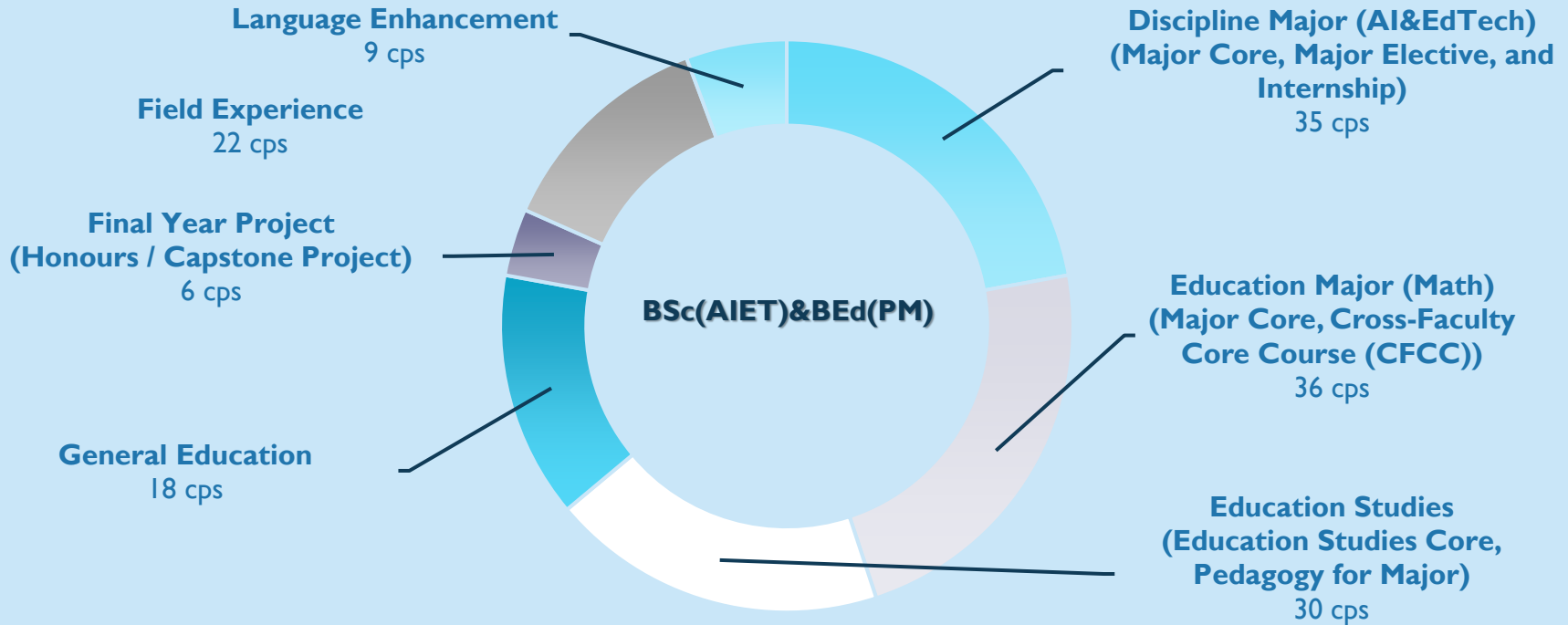


# Programme Aims

1. Exhibit pedagogical competence by utilising different generic skills (e.g., problem-solving, critical thinking and creativity) and technology to passionately teach students with diversified natures, and in different school settings;
2. Uphold teachers' professional conduct and ethics, and display commitments to life-long professional development in response to local, national, regional and global issues of education;
3. Demonstrate understanding of mathematical concepts and competence in explaining clearly to school pupils;
4. plan and implement appropriate learning, teaching and assessment strategies and apply knowledge of artificial intelligence and educational technology to cater to the pupils' individual differences in learning Mathematics;
5. demonstrate proficiency in coordinating STEAM education in primary schools; and
6. identify, formulate and address educational problems using appropriate methods of artificial intelligence and educational technology in practical situations.

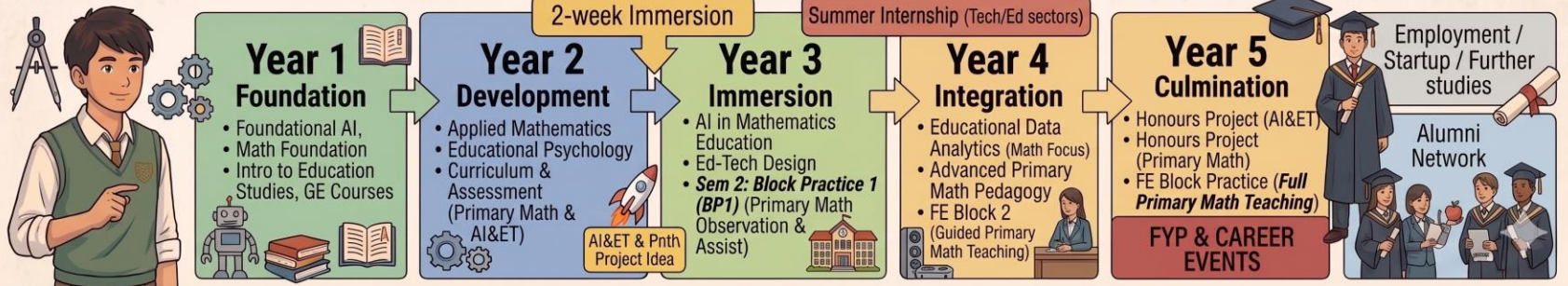
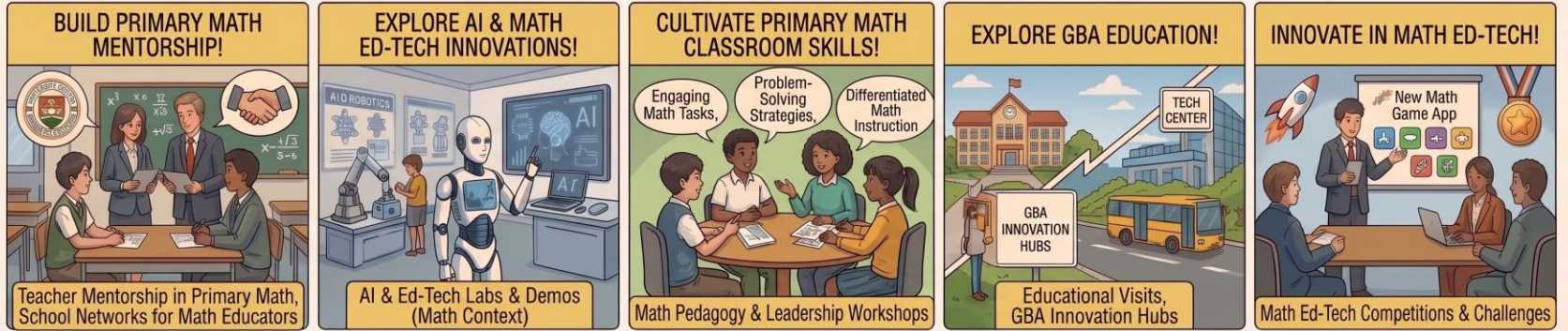


# Programme Structure



# Learning and Professional Development Journey

(Illustrative diagram. Refer to our Programme Website for official information.)



03

# BSc(AIET)&BEd(ICTPSci)

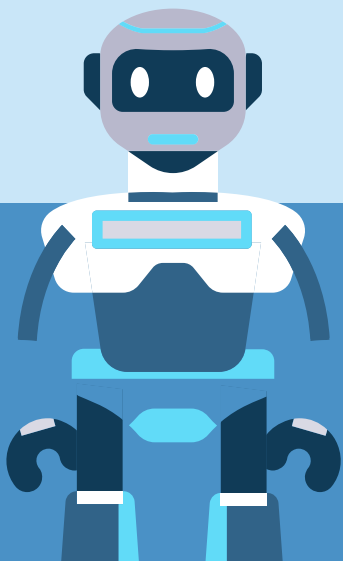
Bachelor of Science (Honours) in Artificial Intelligence and Educational Technology and  
Bachelor of Education (Honours) (Information and Communication Technology and  
Primary Science)

人工智能與教育科技榮譽理學士及資訊及通訊科技及小學科學教育榮譽學士

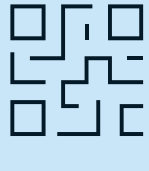
**Programme Leader of BSc(AIET)&BEd(ICTPSci)**

Dr SINGH Manpreet

Email: [manpreet@eduhk.hk](mailto:manpreet@eduhk.hk)



# **Bachelor of Science (Honours) in Artificial Intelligence and Educational Technology and Bachelor of Education (Honours) (Information and Communication Technology and Primary Science)**



**JUPAS code:**  
JS8008



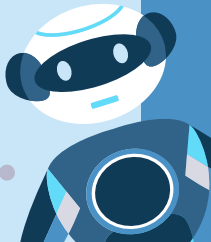
**Duration of Study:**  
5 years



**Funding Category:**  
UGC-funded



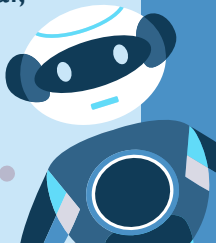
**Intake in 2025/26:**  
13 students



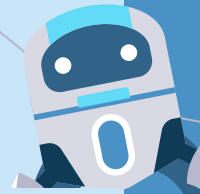
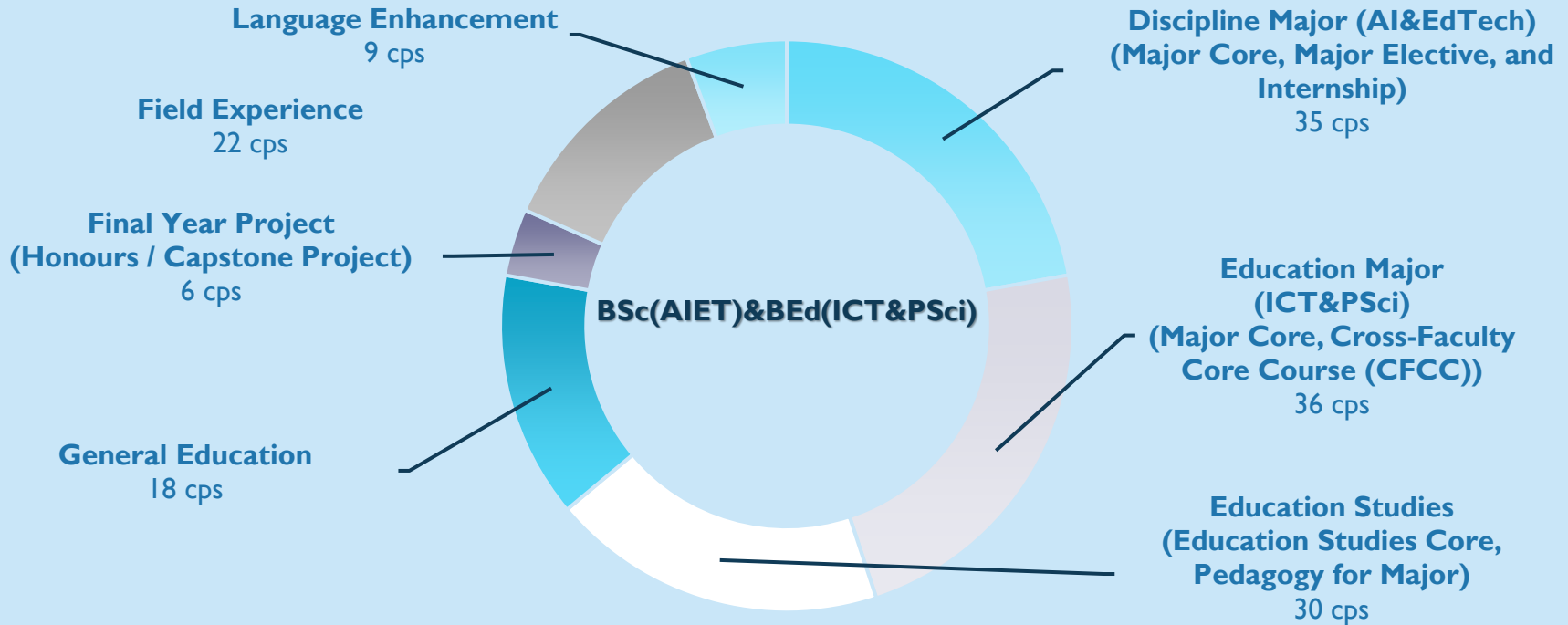
# Programme Aims

The programme aims to:

1. Foster a comprehensive understanding of ICT education, Primary Science education, AI and EdTech concepts and methodologies, enabling students to address the diverse abilities and backgrounds of students in ICT and Primary Science educational environments;
2. Nurture pedagogical skills and professional knowledge by integrating theoretical insights with practical applications from ICT education, Primary Science education, AI and EdTech;
3. Develop generic skills, such as problem-solving, critical thinking, and creativity, not only in teaching and learning but also in continuous professional development;
4. Encourage critical and innovative analysis of local, national, regional, and global social issues relating to the use of ICT education, Primary Science education, AI and EdTech in educational settings; and
5. Demonstrate a commitment to teaching with a professional ethical stance and embrace a global, multicultural perspective in educational practices.



# Programme Structure



# Major Courses – Discipline Major (AI&EdTech)

## Major Core

- Introduction to Educational Technology
- Introduction to Programming and Problem Solving
- Fundamentals of Neural Networks
- Introduction to Natural Language Processing
- Data Structures and Algorithms for Data Mining
- Artificial Intelligence and Machine Learning in Education
- Applied Robotics with Applications to Special Education
- Python Programming Lab
- Cyber Security and the Application in Education

## Major Elective

(Choose 2 from the following 5 courses)

- Computer Organization and Operating Systems
- Computer-Aided 3D Design and Printing Technologies
- Mobile Applications Design and Development
- Deep Learning for Computer Vision and Education
- Technologies in STEAM and AI Education

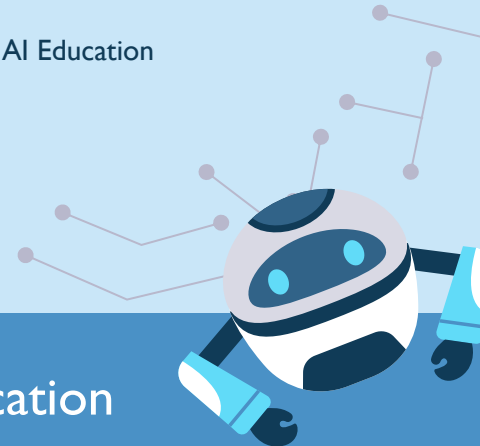
#Coding

#AI

#EdTech

#Pedagogy

#STEAM Education



# Major Courses – Education Major (ICT&PSci)

- Information Technology supported learning environment
- Database Management Systems
- Foundations of Information and Communication Technologies
- Internetworking
- Designing STEAM Activities with Integrated Sciences and Technology
- Foundation Science: Introduction to Chemistry
- Foundation Science: Life & Living
- Foundation Science: Matter, Energy & Change
- Foundation Science: The Earth & Beyond
- Science, Technology, Engineering & Society
- Teaching & Learning of Primary Science

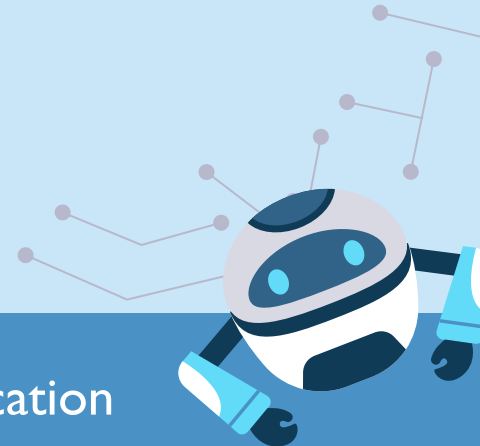
#Coding

#AI

#EdTech

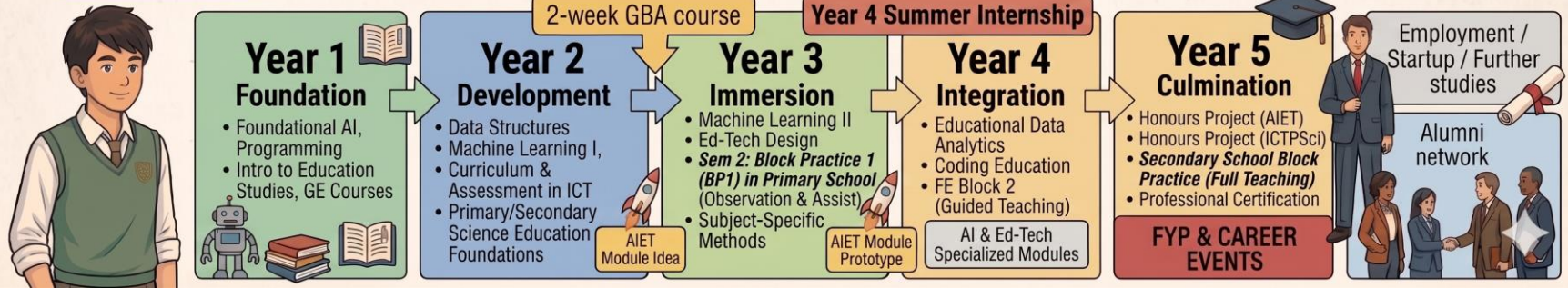
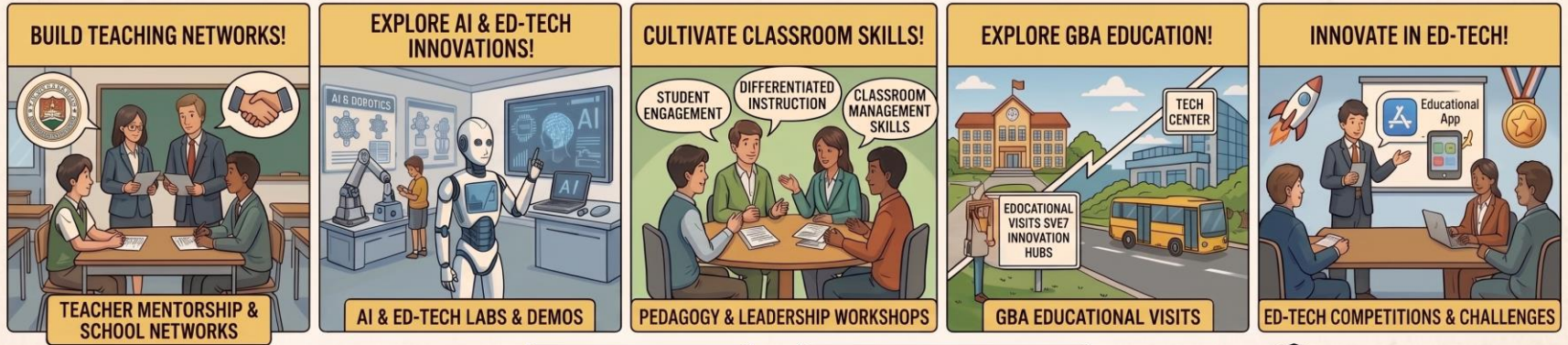
#Pedagogy

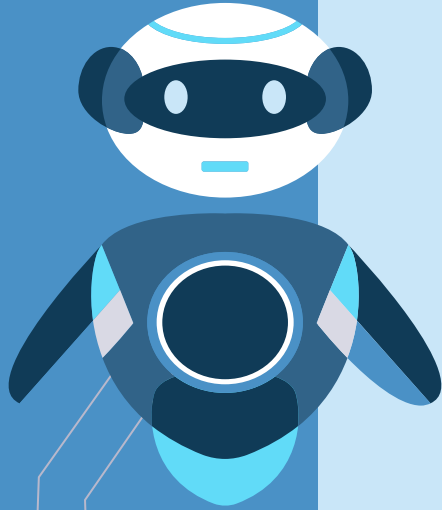
#STEAM Education



# Learning and Professional Development Journey

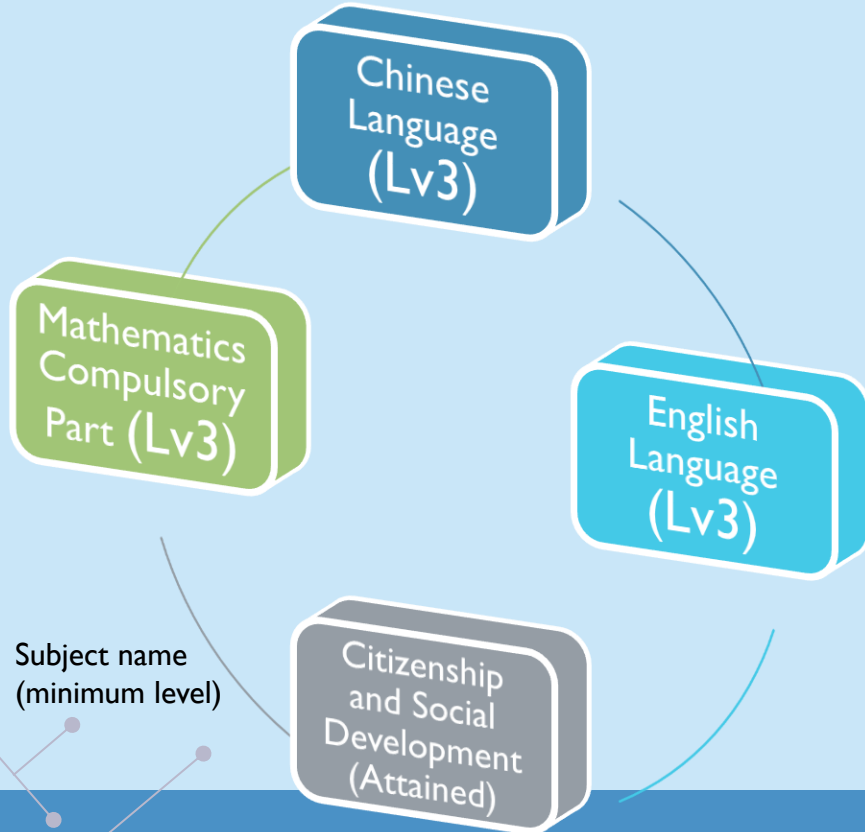
(Illustrative diagram. Refer to our Programme Website for official information.)





# ■ Admission Requirements

# Admission Requirements (JUPAS)



## Elective subjects 1 & 2 (Lv2)

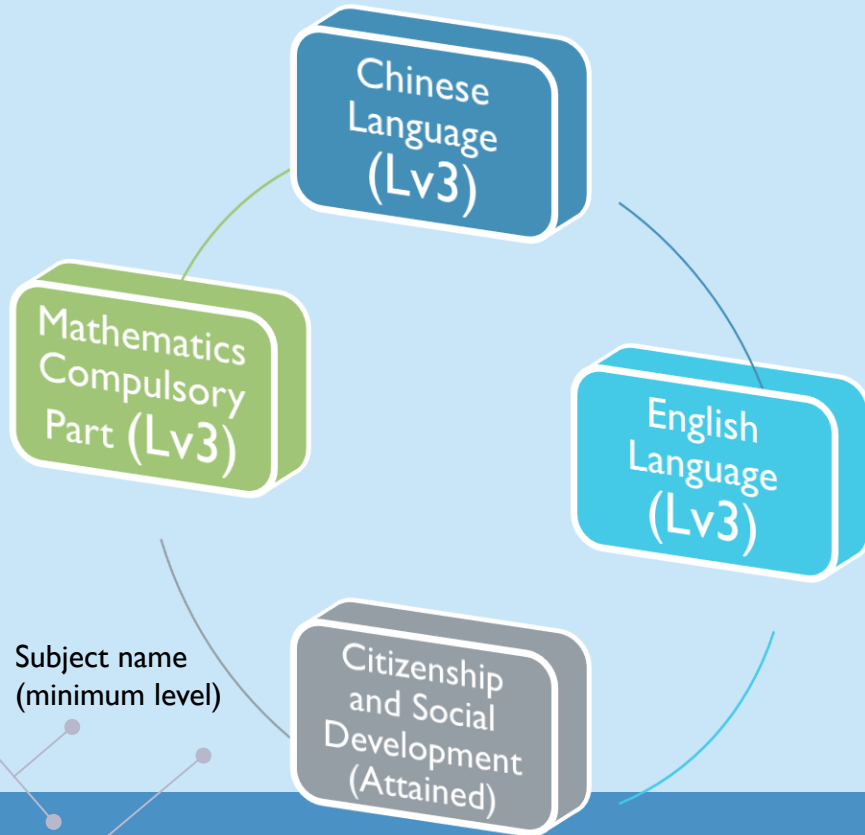
One of the following elective subjects is required:

- Information and Communication Technology; or
- Module 1 (M1) or Module 2 (M2) of Mathematics (Extended Part); or
- Any Science subject (i.e. Biology or Chemistry or Physics or Combined Science or Integrated Science) in HKDSE

Notes:

- (1) Priority consideration will be given to applicants who have taken more than one of the above listed elective subjects.

# Admission Requirements (JUPAS)



## Elective subjects 1 & 2 (Lv2)

Remarks:

1. Not more than one Applied Learning (ApL) subject (Category B) can count as an elective subject, and ApL Chinese is only for non-Chinese speaking students.
2. Mathematics Extended Part (M1/M2) counts as an elective subject but cannot replace Mathematics Compulsory Part. Only the best module will be considered if both M1 and M2 are taken.
3. Other Language subjects (Category C) are accepted as unspecified elective subjects with a minimum requirement of Grade E.
4. Non-Chinese speaking students who meet specified circumstances can provide alternative qualifications in Chinese Language to meet the minimum entrance requirements, except for programs requiring good Chinese proficiency.
5. Admission scores are calculated by the sum of the best five HKDSE subjects, including core and elective subjects, but excluding Citizenship and Social Development.

# Admission Requirements (Tips for Interview)



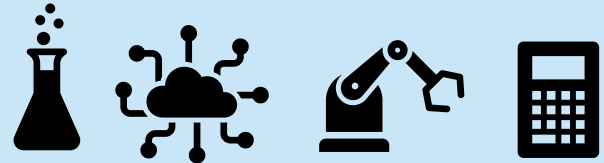
Communication skills



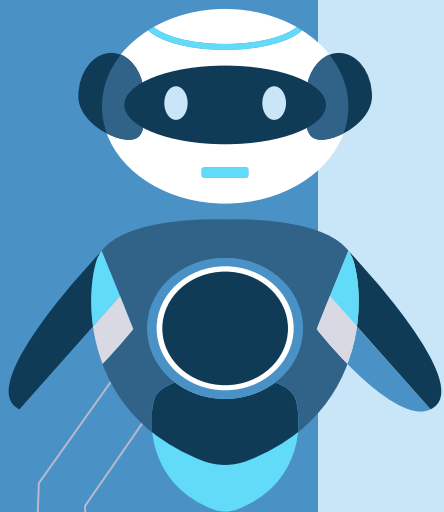
ICT knowledge and skills



Critical thinking skills



Current trends of AI and educational technology



# ■ U Life

Learn & Play in MIT



Do

something real

while you learn

# Active and Authentic Learning



Exchanges & Visits

Learn what's  
happening in the real  
world.

Internship & Career  
Support

Set foot in the  
industry.

Final Year Project &  
Competitions

Unite knowledge and  
action.

知行合一

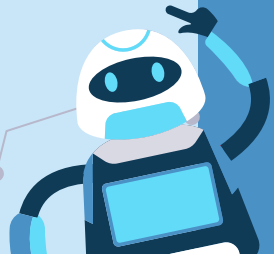


# Exchanges & Visits

## Exchange programmes

Through EdUHK, students can access over 100+ partner institutions worldwide.

- One-semester exchange (Sem I or II)
- Tuition fee waived at host institution
- Financial support via GLEF & Scholarships
- Block Credit Transfer policy available

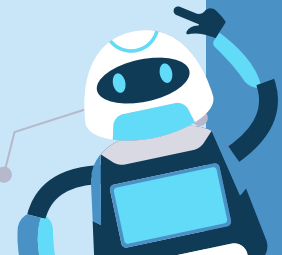


# Exchanges & Visits

## Overseas tours

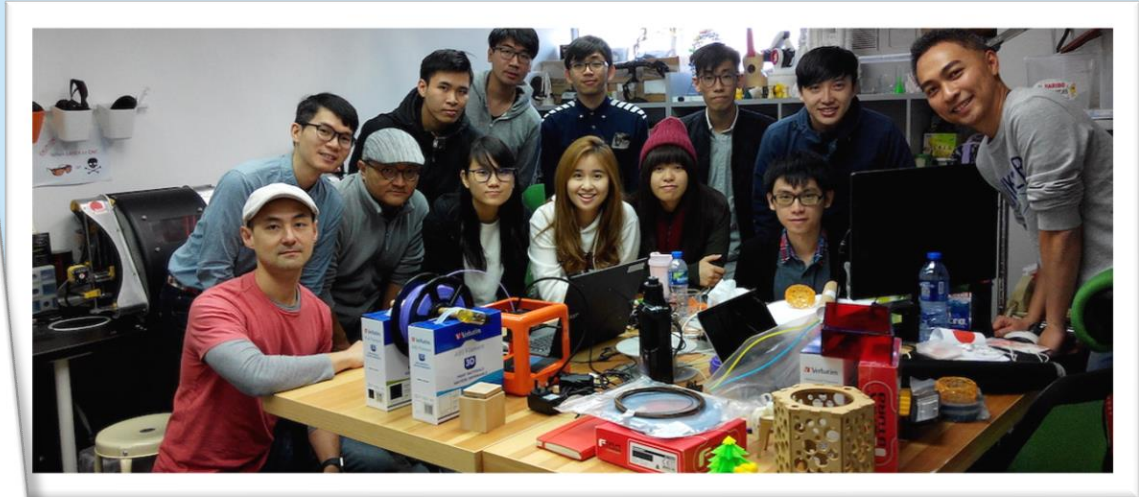


Finnish / Finnish Delegation visits The University of New South Wales




# ■ Internship & Career Support

Educational Technology Workshops and Company Visits



# Seminars and Workshops


**香港教育大學**  
 The Education University of Hong Kong

Department of Mathematics and Information Technology  
 Research Cluster on Data Science & Analytics

**PUBLIC LECTURE**  
**STATISTICS IN THE AGE OF AI: OPPORTUNITIES AND CHALLENGES**

Date & time: 16:30-16:30, 5 May 2026 (Tue)  
 Venue: B4-LP-04 & Zoom  
 Language: English

Moderator: Prof. Yu Leung Ho Philip  
 Department of Mathematics and Information Technology, EDUHK



## Abstract:

Powered by explosion of computer power, Artificial Intelligence (AI) has emerged as a cornerstone of innovation, reshaping industries, and altering the fabric of our daily lives. In this talk, we briefly recount the history of statistics as a discipline, and identify the new challenges and opportunities in this information age. We illustrate the relevance and usefulness of statistics in solving complex data analytic problems by example.

## About the Speaker:

Prof. Qiwei Yao is Professor of Statistics at London School of Economics and Political Science. He has held a Chair in Statistics at the LSE since 2002, and was the head of the Statistics department during 2006-2009. He also held the Saw Swee Hock Professorship of Statistics (2020) at the National University of Singapore. Prof. Yao is an internationally renowned statistician with substantial contributions in different areas including time series analysis, dimension reduction and factor modelling, spatio-temporal modelling, dynamical network modelling, financial econometrics, and nonparametric regression. He is a fellow of the Institute of Mathematical Statistics and of the American Statistical Association, and was awarded the Distinguished Achievement Award from International Chinese Statistical Association in 2024. Prof. Yao was the joint editor of the Journal of the Royal Statistical Society, Series B, and served as associate editor for many renowned journals such as The Annals of Statistics, and the Journal of the American Statistical Association.]



Prof. Qiwei Yao  
The London School of Economics and Political Science

REGISTRATION



Enquiries: Mr. Leo Lo  
2948809 mit@eduhk.hk


**香港教育大學**  
 The Education University of Hong Kong

Department of Mathematics and Information Technology  
 Seminar on Data Science & Analytics

**AUTOREGRESSIVE NETWORKS WITH DEPENDENT EDGES AND GOODNESS-OF-FIT**

Date & time: 16:30-17:30, 6 May 2026 (Wed)  
 Venue: D2-LP-09 & Zoom  
 Language: English

Moderator: Prof. Yu Leung Ho Philip  
 Department of Mathematics and Information Technology, EDUHK



Prof. Qiwei Yao  
The London School of Economics and Political Science

**ABSTRACT:**

We propose an autoregressive framework for modelling dynamic networks with dependent edges. It encompasses the models which accommodate, for example, transitivity, density-dependent and other stylized features often observed in real network data. By assuming the edges of network at each time are independent conditionally on biased lagged values, the models facilitate both simulation and the maximum likelihood estimation in the straightforward manner. Due to the possible large number of parameters in the models, the initial MLEs suffer from slow convergence rates. An improved estimator for each convenient parameter is proposed based on the projection which mitigates the impact of the other parameters. Leveraging a martingale difference structure, the asymptotic distribution of the improved estimator is derived without the stationarity assumption. The limiting distribution is not normal in general, and it reduces to normal when the underlying process satisfies some mixing conditions.

Checking the goodness-of-fit for network models are particularly important, as most those models are specified subjectively. The most frequently used approach for checking goodness-of-fit is the residual analysis in the context of regression analysis. However for many network models there exist no natural residuals. Furthermore, there are scenarios in which there exist several competing models but none of them are the clear favourite. One then faces a task to choose the best approximation among the wrong models. We propose an adversarial approach to check the goodness-of-fit, i.e., we generate a synthetic sample from the fitted model and construct a classifier to classify the original sample and the synthetic sample into two different classes. The hardness of the classification is then taken as a measure for the goodness-of-fit. For identifying the best model among several candidate models, the classifier will create a distance between the original sample and the synthetic sample generated from each of the candidate model. Illustration with a transitivity model will be presented using an email communication data set.

**ABOUT THE SPEAKER:**

Prof. Qiwei Yao is Professor of Statistics at London School of Economics and Political Science. He has held a Chair in Statistics at the LSE since 2002, and was the head of the Statistics department during 2006-2009. He also held the Saw Swee Hock Professorship of Statistics (2020) at the National University of Singapore. Prof. Yao is an internationally renowned statistician with substantial contributions in different areas including time series analysis, dimension reduction and factor modelling, spatio-temporal modelling, dynamical network modelling, financial econometrics, and nonparametric regression. He is a fellow of the Institute of Mathematical Statistics and of the American Statistical Association, and was awarded the Distinguished Achievement Award from International Chinese Statistical Association in 2024. Prof. Yao was the joint editor of the Journal of the Royal Statistical Society, Series B, and served as associate editor for many renowned journals such as The Annals of Statistics, and the Journal of the American Statistical Association.

REGISTRATION



Enquiries: Mr. Leo Lo  
2948809 mit@eduhk.hk


**香港教育大學**  
 The Education University of Hong Kong

Department of Mathematics and Information Technology  
 Departmental Seminar

**Data-Driven Exploration of Localized Wave Dynamics and Parameter Discovery in Integrable Systems via Physics-Informed Neural Networks**

Date & time: 16:00-17:00, 30 April 2026 (Thu)  
 Venue: B4-LP-01  
 Language: Mandarin



**Abstract:**

Physics-informed neural networks (PINNs) and their extended variants (XPINNs/PINNs) integrate data with physical models to solve partial differential equations. This work applies PINNs/XPINNs to explore localized wave dynamics and parameter discovery across three non-integrable systems: the Schamel equation, the massive Thirring (MT) model, and the Newell-type long-short wave system. For the Schamel equation, PINNs learn single-soliton solutions and predict two-soliton interactions consistent with traditional numerics. For the MT model, modified XPINNs with small interface zones efficiently capture bright/dark solitons, breathers, and rogue waves, reducing computation complexity. For the Newell-type system, a stepwise multi-stage training strategy with U-shaped domain decomposition improves convergence for steep-gradient rogue-wave solutions. Classical PINNs accurately identify unknown parameters in inverse problems across all models, even with noise, extending PINNs' applicability to non-integrable systems and supporting understanding of complex physical processes.



Prof. Chen Junchao  
Lishui University

**About the Speaker:**

Prof. Chen Junchao is a professor in the Department of Mathematics at Lishui University and holds a Ph.D. from East China Normal University and earned his PhD degree from East China Normal University. His research focuses on theoretical physics equations, integrable systems, symbolic computation and deep learning. He published more than 30 papers in several academic journals, including J. Phys. A: Math. Theor., Phys. Rev. E, J. Math. Phys. and Stud. Appl. Math.

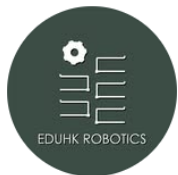
REGISTRATION



Enquiries: Mr. Leo Lo  
2948809 mit@eduhk.hk

# Student Associations

## Robotics Team



**eduhk\_robotics** ...

教大機械 EdUHK Robotics

40 posts 1,157 followers 418 following

Community

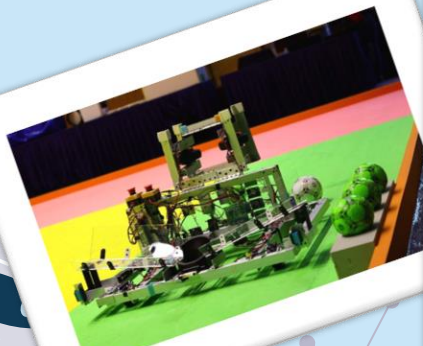
香港教育大學 機械人隊

The Education University of Hong Kong - Robotics Team

魯師 Architeacher | Est. 2019

[robocon.eduhk.hk/linktree](https://robocon.eduhk.hk/linktree) and 1 more

[eduhk\\_robotics](https://www.instagram.com/eduhk_robotics)



# Successful Stories

## International Exhibition of Inventions Geneva

EdUHK achieved its best-ever performance at the 51st International Exhibition of Inventions Geneva (2026), securing **11 awards** across 9 projects.

- **AI-driven Microwave Sensor (for non-invasive coolant level monitoring and leak detection):** Developed by Chung Ki-ki [student of the BSc(AI&EdTech)] — **Bronze Medal**.

## Previous Year

**Sign2V: Connecting Sign Language to the Verbal Sphere:** Developed by our BSc(AI&EdTech) student, Mr Lo Wai-kin in collaboration with Dr. So Chi Fuk Henry won the **Silver Medal** in the 50th International Exhibition of Inventions Geneva.



# Successful Stories

 HUAWEI



## First Prize at the Huawei ICT Competition 2025-2026

- **Award:** First Prize, Hong Kong SAR Final (Innovation Competition AI Track)
- **Winning Project:** Interpreter Gloves for the Chinese Sign Language
- **Student Team:** HUANG Yusi (Year 3), LIU Xiaobin (Year 3), and DENG Yixuan (Year 1)
- **Programme:** BSc(AI&EdTech)
- **Supervisor:** Dr. CHEUNG Ho Yin Haoran

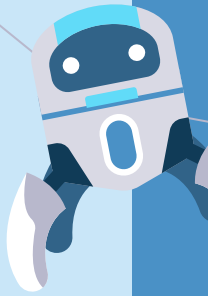
# EdUHK Honours College



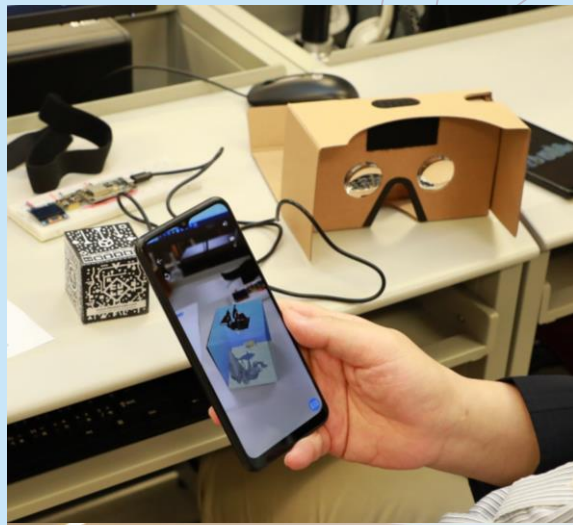
Source: <https://www.hc.eduhk.hk/home>

The Honours College provides an additional elite track for high-achieving undergraduate students.

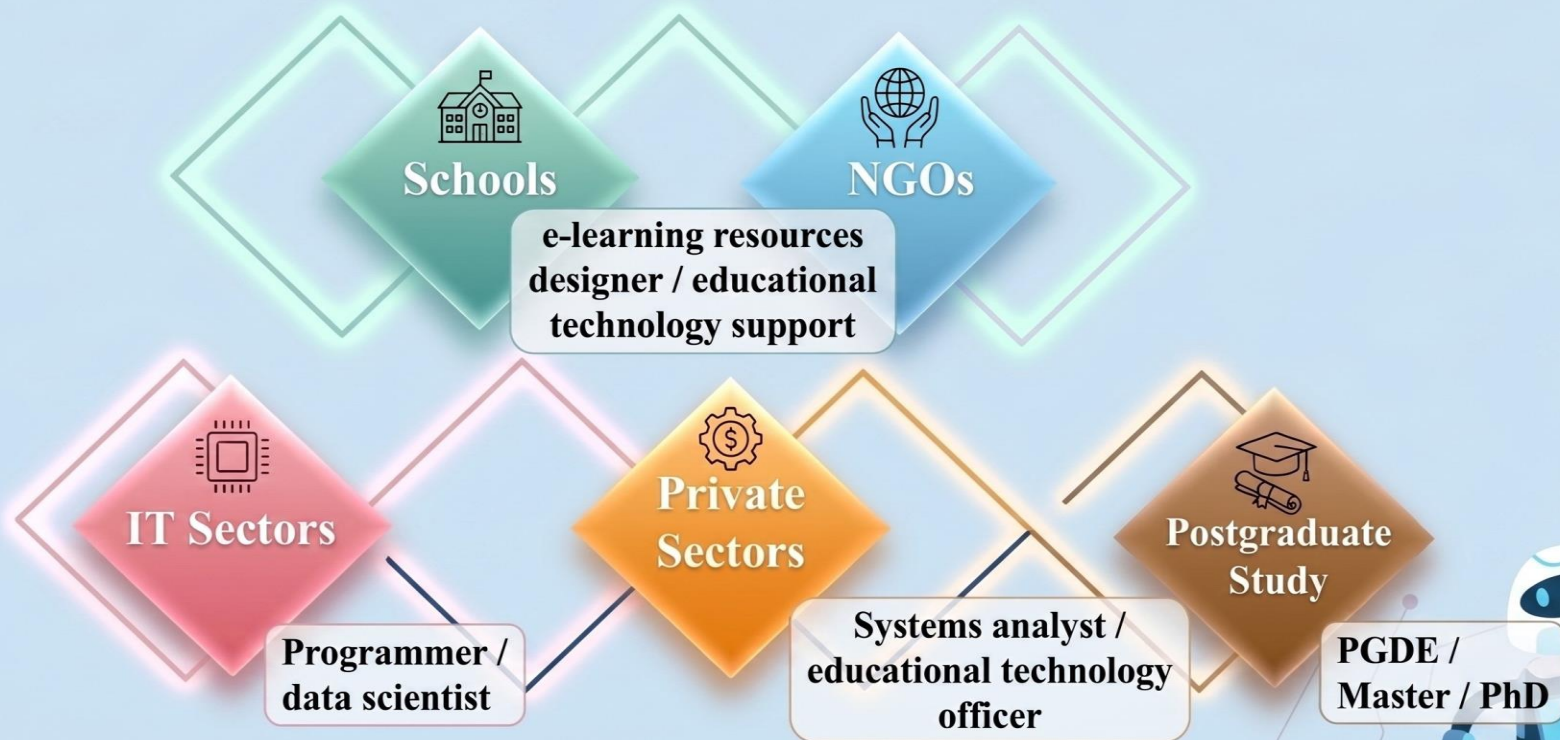
- **Objective:** To develop future leaders with a global mindset and social responsibility.
- **Key Features:**
  - **1:1 Mentorship:** Students are paired with academic supervisors and external professional mentors.
  - **Specialized Curriculum:** Interdisciplinary seminars and leadership workshops.
  - **Recognition:** "Honours College" title recorded on official transcripts and certificates.



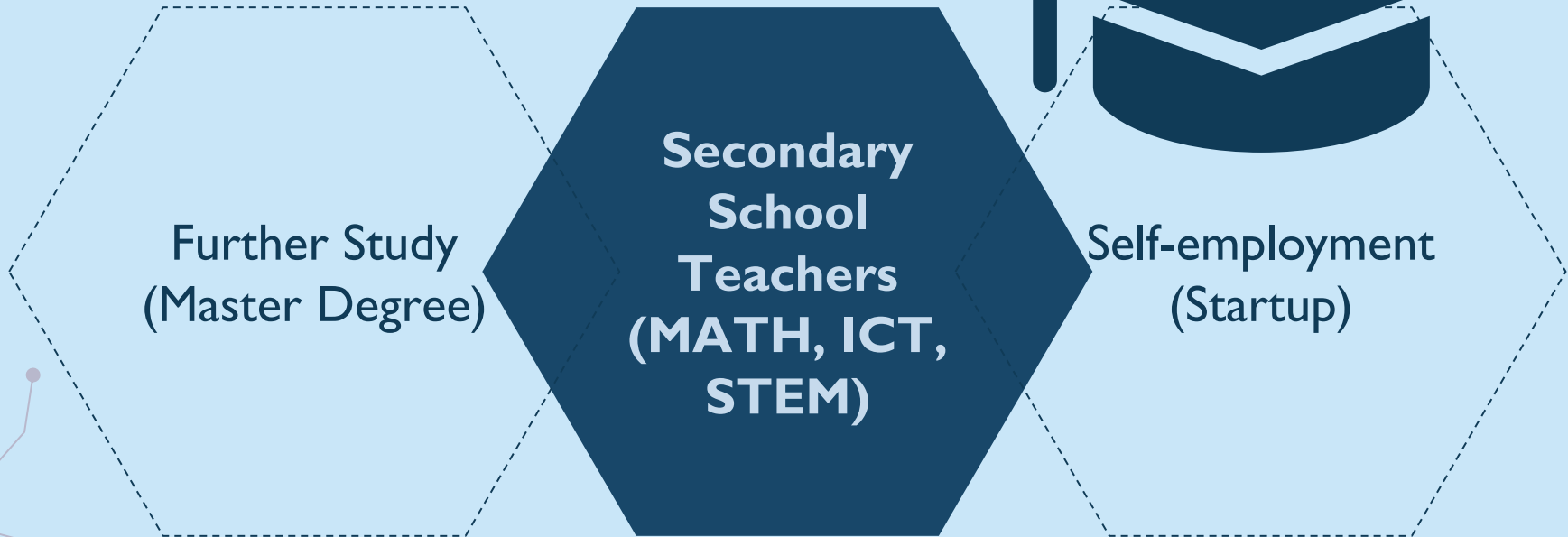
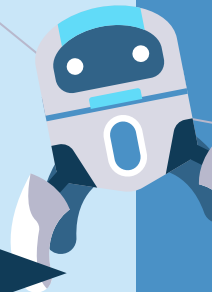
# Career Prospects

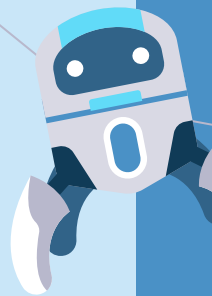


# Career Prospects of BSc(AI&EdTech)



# Career Prospects of Double Degree Programmes





# Teacher Education Programmes Graduates' Employment Figures

Employment Status	2022	2023	2024
Employed	87.6%	90.3%	86.8%
Further Studies	7.8%	6.3%	8.9%
Seeking employment	0.9%	1.2%	0.7%
Others	3.7%	2.3%	3.6%

Remarks: There may be a slight discrepancy between the sum of individual items and the total due to rounding

Source: Undergraduate Programmes

<https://www.eduhk.hk/en/about/facts-and-figures/graduates-employment-figures>

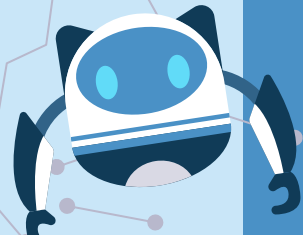
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**\$35,080 – 44,765**

GM (學位教師)

**\$82,330 – 97,575**

SGM (高級學位教師)



# Payscale

Source: <https://hkfew.org.hk>

## 官立、資助學校教師薪級表 (2024年4月1日生效)

此表僅供參考，以政府或學校資料為準

小學學位教師	中學學位教師	薪級點	現行薪酬
		49	147,125
	一級校長 PI (45-49點)	48	142,010
		47	137,085
一級小學校長 HMI (43-46點)		46(44B)	132,275
		45(44A)	127,700
	二級校長 PII (40-44點)	44	119,650
		43	115,495
	二級 小學校長 HMII (40-43點)	42	110,740
		41	106,155
	首席學位 教師 (副校長) PGM (38-41點)	40	101,775
		39	97,575
高級小學 學位教師 (副校長) SPSM (34-39點)		38	93,255
		37	89,170
	高級學位 教師 SGM (34-39點)	36(33C)	85,130
		35(33B)	83,150
		34(33A)	82,330

小學學位教師	中學學位教師	薪級點	現行薪酬
		33	81,510
小學學位教師 PSM (30-33點)		32	77,855
	學位教師 GM (不同時期入職， 薪級點不同)	31	74,345
		30	71,010
		29	67,850
		28	64,780
助理小學學位教師 APSM (不同時期入職， 薪級點不同)		27	61,865
		26	59,110
		25	56,450
		24	53,980
		23	51,545
		22	49,230
		21	47,010
		20	44,765
		19	42,640
		18	40,620
		17	38,715
		16	36,850
		15	35,080
		14	33,405
		13	31,795
		12	29,995

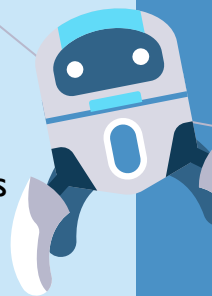
### 不同時期入職薪級點

2000/03/31或以前 或  
2007/08/01-2010/09/30入職

2000/04/01-2007/07/31入職

2010/10/01或以後入職

# EdUHK Self-Nomination Admissions Scheme



The EdUHK Self-Nomination Admissions Scheme is designed for JUPAS applicants with exceptional potential and outstanding talent in music, sports, STEAM or visual arts.

## Nomination criteria for the three programmes

- Obtain high performance standard in **respective STEAM areas** with relevant achievements
- Put the programme(s) as **Band A** choice(s) in **JUPAS**.
- Recommended by relevant associations/ organisations/ schools (optional but preferable).

The nomination deadline (2nd round) is **27 May 2026**.



Please scan the QR code for more details.

# Contact Us



香港教育大學

The Education University  
of Hong Kong



FACULTY OF LIBERAL ARTS AND SOCIAL SCIENCES

博文及社會科學學院



Department of  
**Mathematics** and  
**Information Technology**

## Admissions

Tel: (852) 2948 6886

Email: [admission@eduhk.hk](mailto:admission@eduhk.hk)

## Programme Office (FLASS)

Rm 4, G/F, Block B2

Tel: (852) 2948 7151

Email: [flass@eduhk.hk](mailto:flass@eduhk.hk)

## General Office (MIT)

Rm 19A, 1/F, Block D4

Tel: (852) 2948 7824

Email: [mit@eduhk.hk](mailto:mit@eduhk.hk)

# Contact Us



Website



RedNote

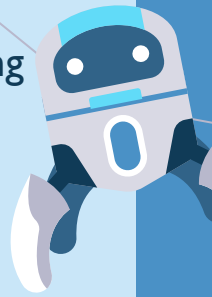


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Instagram





Thank you for attending our session. Please take a few minutes to complete the following survey. Your valuable feedback will help us improve our activities in future. Participants can present the completion page at the Redemption & Souvenir Counter (Block B1) to redeem a souvenir.

## Survey QR Code

