



香港教育大學

The Education University
of Hong Kong



Department of
Mathematics and
Information Technology

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

Speaker: Dr. Cheng Kell Hiu Fai

Programme Leader: BSc(AIET)&BEd(PM)

Subject Intended Learning Outcomes –BSc(AIET)&BEd(PM)

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;

Subject Intended Learning Outcomes –BSc(AIET)&BEd(PM)

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.

Curriculum Structure (2025-2026)

Component	Credit Points (cps)
Discipline Studies Major (AI&EdTech)	
Major Core (10 courses)	29
Major Electives (Choose 1 out of 5 courses)	3
Internship	3
Education Major (MATH)	
Major Core (10 courses)	30
Major Electives (Choose 1 out of 2 courses)	3
Cross-Faculty Core Course	3
	71
Final Year Project	
- Honours/Capstone Project I: Research Methods and Proposal	6
- Honours Project II: Research Report/Capstone Project II: Project Output	
Education Studies	30
Field Experience	22
General Education	18
Language Enhancement	9
Total	156

Widen the Horizon of Students

Singapore Maker Extravaganza Digital Maker Programme Tour (2017)

JAPAN Tokyo Digital Maker Programme Tour (2018 & 2019)

School visits in GBA (2024)



Events to build leadership

Hong Kong Primary Mathematics Challenge



Hong Kong Mathematics Olympiad (HKMO)



2023 BEd and PGDE Graduates Employment Survey

Employment Status	2019	2020	2021	2022	2023
Employed	92.7%	91.3%	89.5%	89.2%	91.3%
Further Studies	4.7%	5.8%	7.1%	6.5%	4.9%
Seeking employment	1.4%	1.6%	0.6%	0.8%	2.7%
Others	1.2%	1.3%	2.7%	3.5%	1%

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

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

官立、資助學校教師薪級表 (2024年4月)

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

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

小學學位教師	中學學位教師	薪級點	現行薪酬
小學學位教師 PSM (30-33點)	學位教師 GM (不同時期入職， 薪級點不同)	33	81,510
		32	77,855
		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	

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

Admission Requirements: JUPAS

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

Core Subjects	Minimum Level	Elective Subjects	Minimum Level
Chinese	Level 3	Two elective subjects of which one is from the following subjects: Information and Communication Technology / Biology / Chemistry / Physics / Module 1 (M1) or Module 2 (M2) of Mathematics (Extended Part)	Level 2
English	Level 3		
Mathematics (Compulsory Part)	Level 3		
Citizenship and Social Development	Attained		

Note:

(1) Applicants who obtain Level 5 or above in Mathematics Compulsory Part but do not take Module 1 (M1) or Module 2 (M2) of Mathematics Extended Part will be considered for admission on an individual basis. Upon admission, applicants who do not sit for M1/M2 are required to take and pass the Course "Calculus" during the study period of the programme in order to meet the graduation requirements.

EdUHK Self-Nomination Admissions Scheme

Deadline: 27 May 2026

<https://www.apply.eduhk.hk/ug/selfnom#nomination-methods>



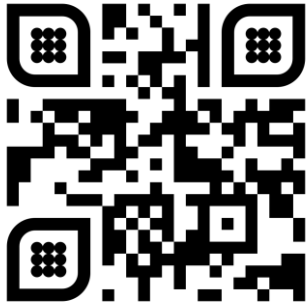
Contact Information

Subject Coordinator:

Dr. Cheng Kell Hiu Fai
khfcheng@eduhk.hk

More Information

Website



<https://www.eduhk.hk/mit>

Facebook Page



<https://www.facebook.com/mit.eduhk/>

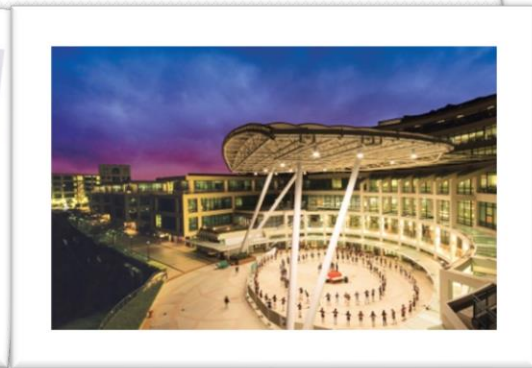
Instagram



<https://www.instagram.com/mit.eduhk>



THANK YOU!



Survey

*Thank you for attending our session. Please take a few minutes to complete the following survey.
Your feedback will be very useful for us to further improve our activities in future.*



Disclaimer

1. Every effort has been made to ensure the accuracy of the information contained in this presentation. Changes to any aspects of the programmes may be made from time to time as due to change of circumstances and the University reserves the right to revise any information contained in this website as it deems fit without prior notice. The University accepts no liability for any loss or damage arising from any use or misuse of or reliance on any information contained in this website.
2. Any aspect of the courses and course offerings (including, without limitation, the contents of the course and the manner in which the course is taught) may be subject to change at any time at the sole discretion of the University if necessary. Without limiting the generality of the University's discretion to revise the courses and course offerings, it is envisaged that changes may be required due to factors including staffing, enrolment levels, logistical arrangements, curriculum changes, and other factors caused by change of circumstances. Tuition fees, once paid, are non-refundable.
3. Students admitted into this programme are required to visit the Greater Bay Area (GBA) and/or other parts of Chinese Mainland. The programme may also require students to participate in other non-local learning experience for completion of the programme. While the visits are subsidised, students are required to contribute part of the estimated cost of the visits ("students' contribution"), whereas any personal entertainment, meals expenses, travel document fee and personal insurance costs shall be at students' own expense. The estimated cost of the visits and students' contribution for students admitted to the coming cohort is yet to be available due to a variety of factors such as inflation of cost of the visits, trip duration, traveling expenses, the exchange rate, etc.
4. EdUHK is one of the teacher education providers in Hong Kong. Graduates of the University's teacher education programmes are eligible to apply to become fully qualified Registered Teachers. For registration as a teacher, graduates should approach the Teacher Registration Team of the Education Bureau (EDB) to submit applications directly. All applications will be independently assessed by the EDB which will consider, among other things, whether an applicant has been convicted of any criminal offence (including sex-related offences) in Hong Kong or elsewhere, or is involved in any ongoing criminal proceedings or investigations. For details, please browse the EDB's [official website](#).