



香港教育大學

The Education University
of Hong Kong



Department of
Mathematics and
Information Technology

Bachelor of Education (Honours) (Primary) – Mathematics (JS8246)

小學教育榮譽學士 - 數學

Speaker: Dr. Cheng Kell Hiu Fai
(Subject Coordinator: BEd(P)-MA)

Subject Intended Learning Outcomes –BEd Primary Mathematics

1. Demonstrate understanding of mathematical concepts and competence in **explaining them clearly to school pupils.**
2. Plan and implement appropriate learning, teaching and assessment strategies to **cater for the pupils' individual differences** in learning mathematics.
3. Adopt appropriate strategies to **arouse pupils' interest** in learning mathematics.

Subject Intended Learning Outcomes –BEd Primary Mathematics

4. Enrich and apply **critical and logical thinking skills** in teaching and real-life settings.
5. Use **information technologies** and appropriate software to enhance learning and teaching of mathematics.
6. Demonstrate proficiency in coordinating STEM education in primary schools.

Curriculum Structure (2022-2023)

Domain	Credit Points (cps)
Major	39 cps
<ul style="list-style-type: none">• Major• Cross-Faculty Core Course• Major Interdisciplinary Course	
Education Studies	30 cps
<ul style="list-style-type: none">• Education Studies Core (Generic)• Pedagogy for Major	
General Education	22 cps
Final Year Project (Honours Project / Capstone Project) (including a Research Methods Course)	6 cps
Electives (including Free Electives, Minors or Second Major)	30 cps
Field Experience	20 cps
Language Enhancement	9 cps
Total:	156 cps

Widen the Horizon of Students

Singapore Maker Extravaganza Digital Maker Programme Tour (2017)

Taiwan Exchange Tour (2017)

JAPAN Tokyo Digital Maker Programme Tour (2018 & 2019)



Events to build leadership

Hong Kong Primary Mathematics Challenge



Hong Kong Mathematics Olympiad (HKMO)



Equip Students with New E-learning Technologies

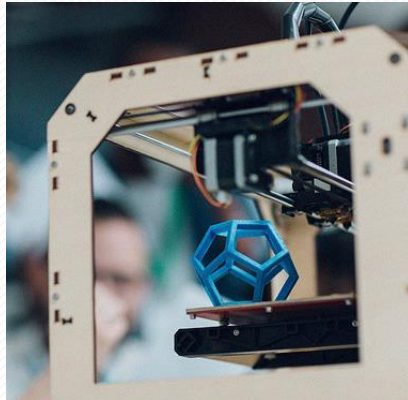
VR Teaching Tools

- Cross sections of 3D shapes



3D Printing

- Volumes / structures of polyhedra



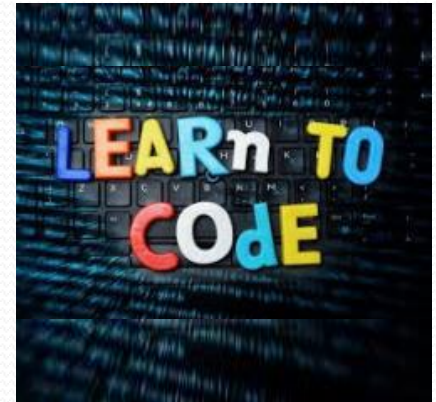
GeoGebra

- Cube nets



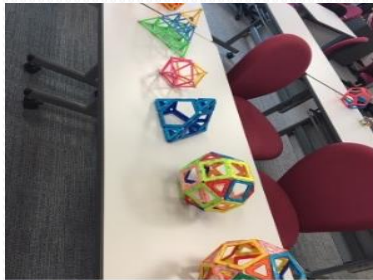
Coding

- Computational thinking



STEM Laboratory

- Lectures, seminars and STEM activities (e.g., 3D printing, Laser cutting)
- Advanced teaching-aids are available



2022 BEd and PGDE Graduates Employment Survey

Employment Status	2018	2019	2020	2021	2022
Employed	95.1%	92.7%	91.3%	89.5%	89.2%
Further Studies	4.2%	4.7%	5.8%	7.1%	6.5%
Seeking employment	0.1%	1.4%	1.6%	0.6%	0.8%
Others	0.5%	1.2%	1.3%	2.7%	3.5%

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 (2023年4月)

官立、資助學校教師薪級表			
小學學位教師	中學學位教師	薪級點	現行薪酬
		49	142,840
	一級校長 PI (45-49點)	48	137,875
		47	133,090
一級小學校長 HMI (43-46點)		46 (44B)	128,420
		45 (44A)	123,980
	二級校長 PII (40-44點)	44	116,165
		43	112,130
二級小學校長 HMII (40-43點)		42	107,515
	首席學位 教師 (副校長) PGM (38-41點)	41	103,065
		40	98,810
		39	94,735
高級小學 學位教師 (副校長) SPSM (34-39點)		38	90,540
		37	86,575
	高級學位 教師 SGM (34-39點)	36 (33C)	82,650
		35 (33B)	80,730
		34 (33A)	79,930

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
		33	79,135
小學學位教師 PSM (30-33點)		32	75,585
	學位教師 GM (不同時期入職, 薪級點不同)	31	72,180
		30	68,940
		29	65,875
		28	62,895
		27	60,065
助理小學學位教師 APSM (不同時期入職, 薪級點不同)		26	57,390
		25	54,805
		24	52,410
		23	50,045
		22	47,795
		21	45,640
		20	43,460
		19	41,400
		18	39,435
		17	37,585
		16	35,775
		15	34,060
		14	32,430
		13	30,870
		12	29,120

Admission Requirements: JUPAS

Bachelor of Education (Honours) (Primary) - Mathematics (JS8246)

小學教育榮譽學士 - 數學

Core Subjects	Minimum Level
Chinese	Level 3
English	Level 3
Mathematics	Level 3
Liberal Studies	Level 2

Elective Subjects	Minimum Level
Mathematics M ₁ /M ₂	Level 2

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: 30 December 2022

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



Contact Information

Subject Coordinator:

Dr. Cheng Kell Hiu Fai
khfcheng@eduhk.hk

Q & A

- 現今數學的榮譽學士包括未能提及的STEM的教學元素嗎？
- 如果我拿到數學學士以後，發現自己可以進修或者有不適合的地方。
 - 第一種情況，我是否如我朋友所說要到其他院校如HKU等獲取更多的qualifications? 因為HKU的課程深度會提高，這樣會否有指引可以提供?
 - 而第二種情況，我想知道如果未來路向不合適，在選擇其他學科修讀上如科學研究會否有限制，還是要再retake或者工種上是如何安排?
- DSE 最低入學分數和入學中位數?

Q & A

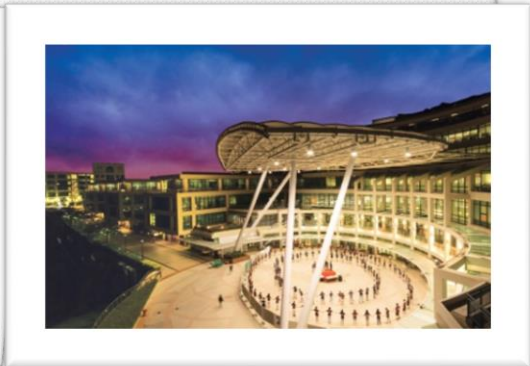
- 畢業時入職老師行業的競爭力會較其他院校高還是低？
- 請問我們會有到SEN學校實習的機會嗎？
- 若我沒有科學有關的選修科，如物理、化學，會影響我獲得面試的機會嗎？
- 經 JUPUS 的收生人數？

Q & A

Any other questions?



THANK YOU!



Survey



Thank you for your feedback!