

中學教育榮譽學士 - 資訊及通訊科技
Bachelor of Education (Honours)
(Secondary) - Information and
Communication Technology

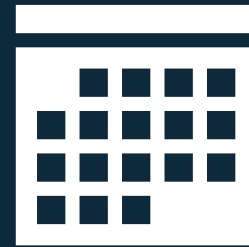




Bachelor of Education (Honours) (Secondary) - Information and Communication Technology



JUPAS code:
JS8361



Duration of Study:
5 years



Funding Category:
UGC-funded



Intake in 2022/23:
23 students



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Programme Aims and Structure

#ICTeacher #Computing #Pedagogy #Problem-solving

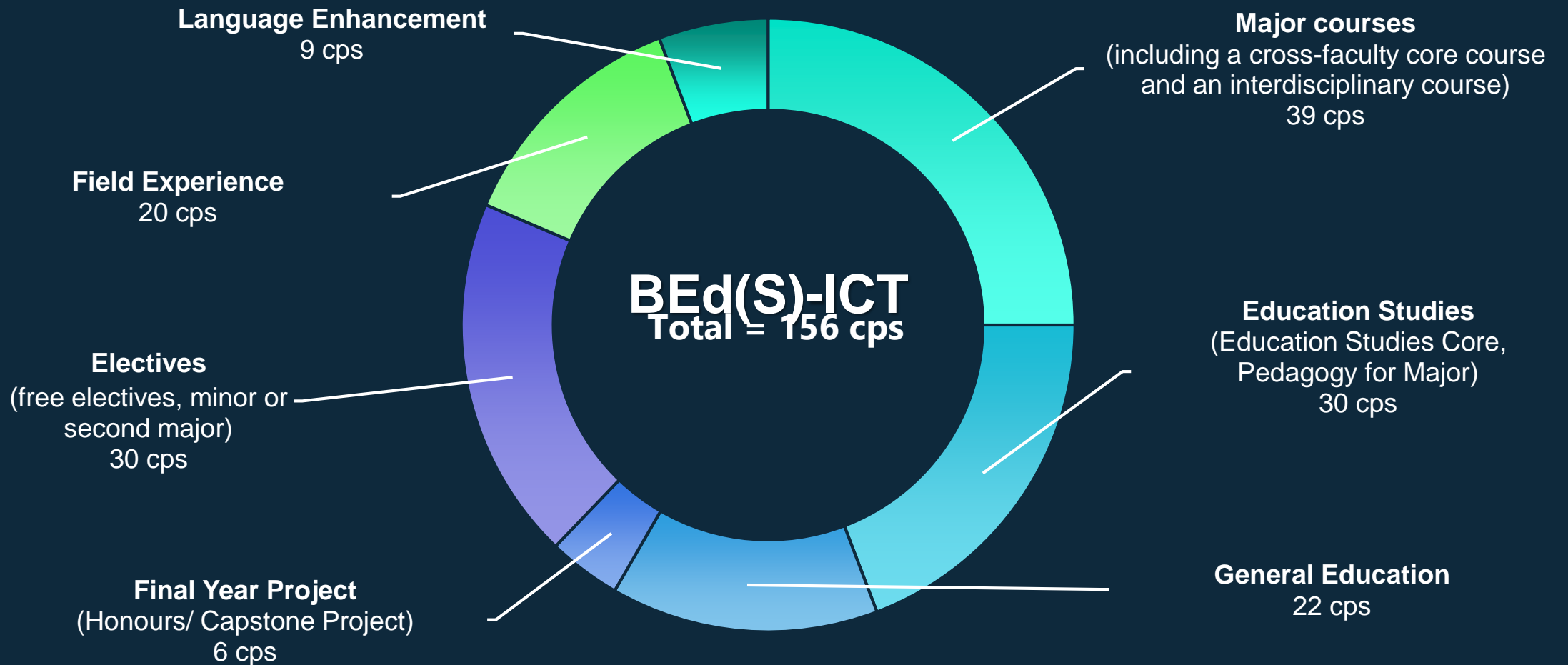
Programme Aims

This programme aims at providing students with a wide range of knowledge and skills in the disciplines of information and communication technology (ICT) and ICT education. Upon completion of the programme, students should be able to:

- ◇ demonstrate an understanding of basic concepts in **major areas of ICT** and use a range of **application** software to support information processing and problem-solving;
- ◇ demonstrate an understanding of methods for **analysing problems, and planning and implementing solutions** using ICT;
- ◇ realise the **social, ethical and legal issues** pertaining to the use of ICT and appreciate how information literacy and the sharing of knowledge using ICT influence **decision-making** and shape our society; and
- ◇ learn to connect **ICT knowledge** to **the teaching of ICT** and develop approaches to help students to learn ICT in exciting and effective ways.



Programme Structure





Major courses

- Foundations of Information and Communication Technologies
- Introduction to Programming and Problem Solving
- Data Structures and Algorithms for Data Mining
- Database Management Systems
- Computer Organization and Operating Systems
- Web Design and Digital Authoring
- Internetworking
- Web Database Applications for Data Analytics
- Mobile Applications Design and Development
- Artificial Intelligence and Machine Learning
- Technologies in STEM and AI Education
- Curriculum, Pedagogy and Assessment in ICT Education
- Trends and Development in Learning and Teaching of ICT
- Internet, Politics and Law
- Technology in Business and Creativity

#coding #web #AI #pedagogy #data #technology



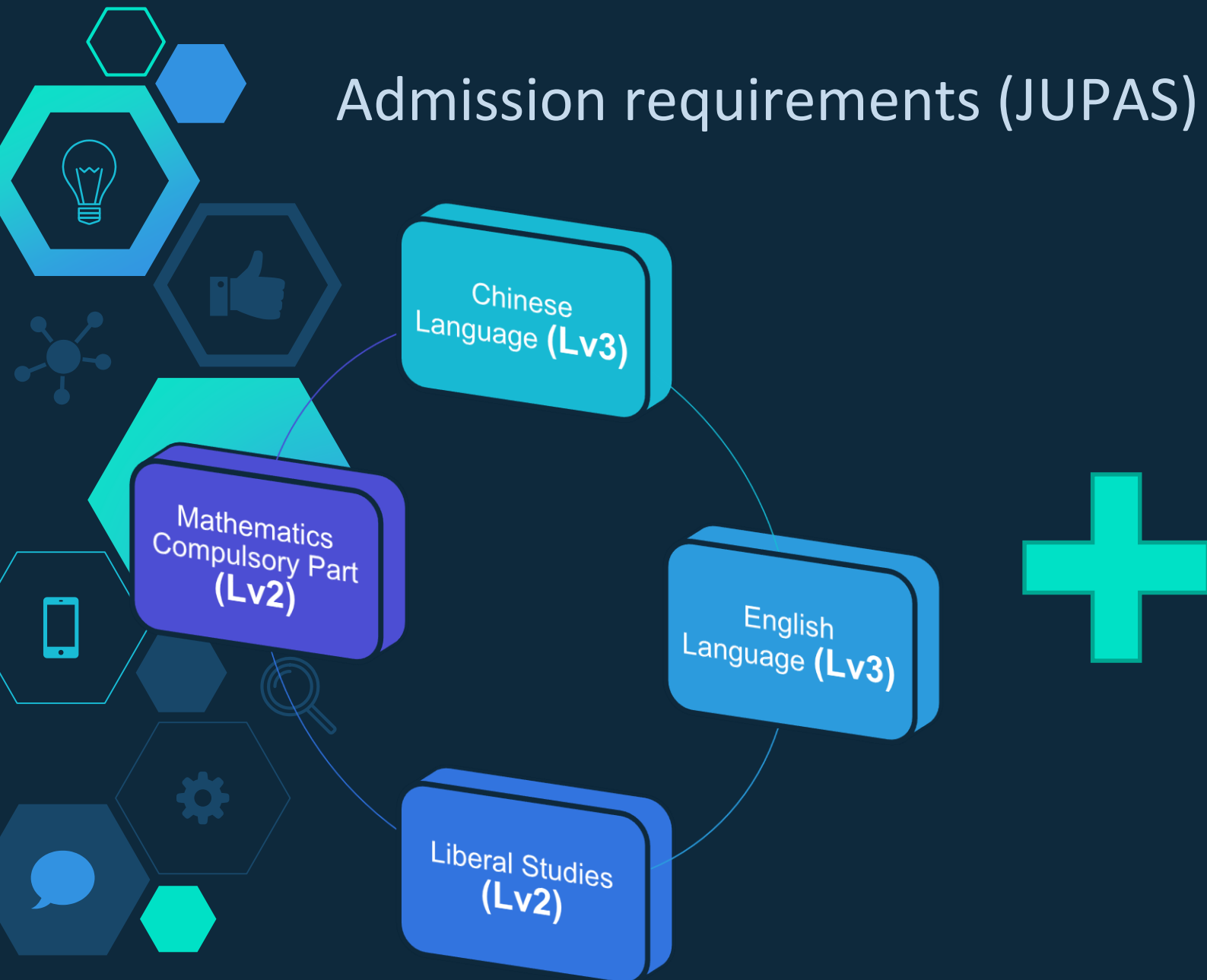


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Admission Requirements

#JUPAS #non-JUPAS #non-local
#AcademicResult
#InterviewPerformance

Admission requirements (JUPAS)



One elective subject:

ICT or
Biology or
Chemistry or
Physics or
Combined Science or
Integrated Science
(Lv2)

Past HKDSE result

Year	Mean score (Best 5)
2022	19
2021	19
2020	19

Offer Statistics (as at the Announcement of the Main Round Offer Results)

Year	Band A	Band B	Band C	Band D	Band E	Total	Application no.
2022	12	0	1	0	0	13	1092
2021	13	0	0	0	0	13	986
2020	14	0	0	0	0	14	1069

Admission requirements (non-JUPAS)

GPA \geq 2.7 (for graduates)

GPA \geq 3.0 (for non-graduating students i.e. year 1)



**Relevant subjects
in Associate
Degree/ Higher
Diploma / HKDSE**

2022:

11 students (8 local, 3 non-local)

Average GPA: 3.16

Admission requirements (interview)

Tips:

Good interview performance is required

- Teacher's qualities
- Communication skills
- ICT knowledge and experience
- Current trends of ICT education
 - New ICT curriculum
 - Logical thinking skills



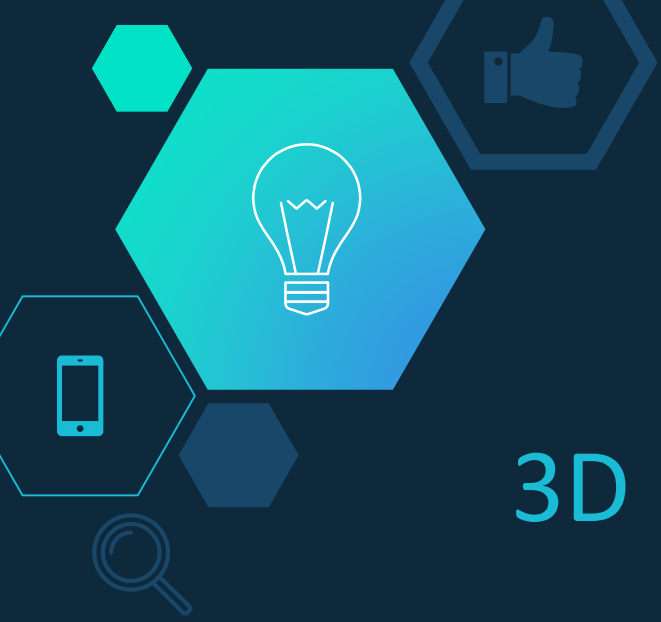
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U Life

Learn & Play in MIT



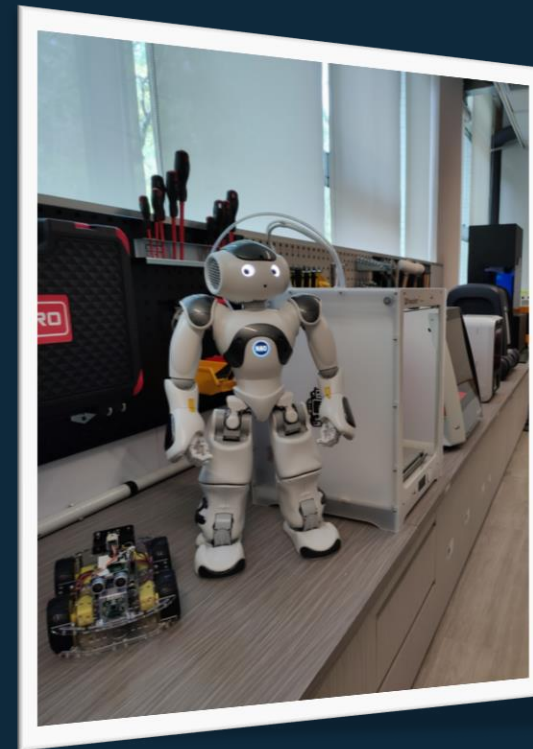
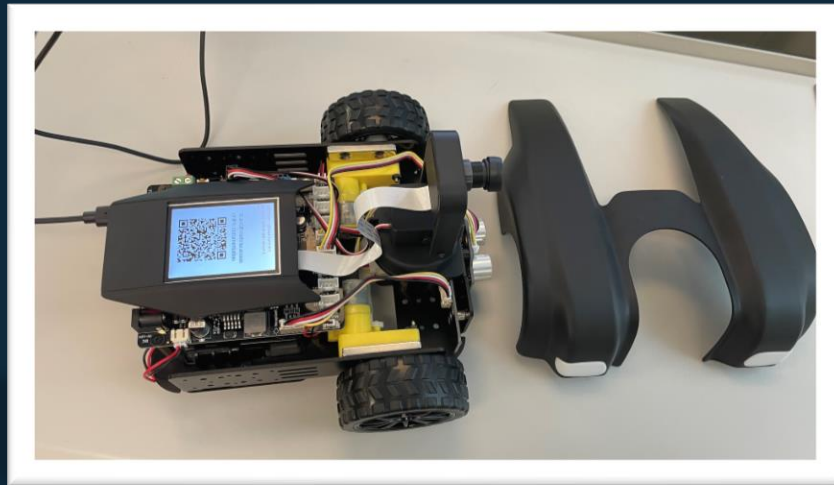


3D Printing Workshop and Company visit



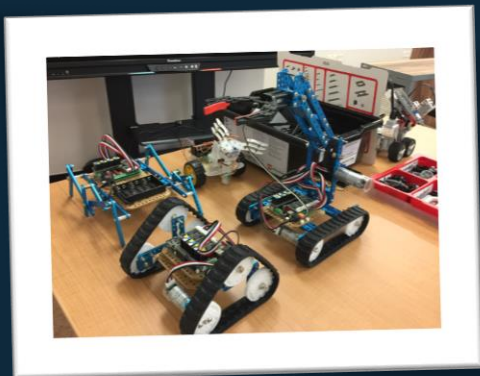
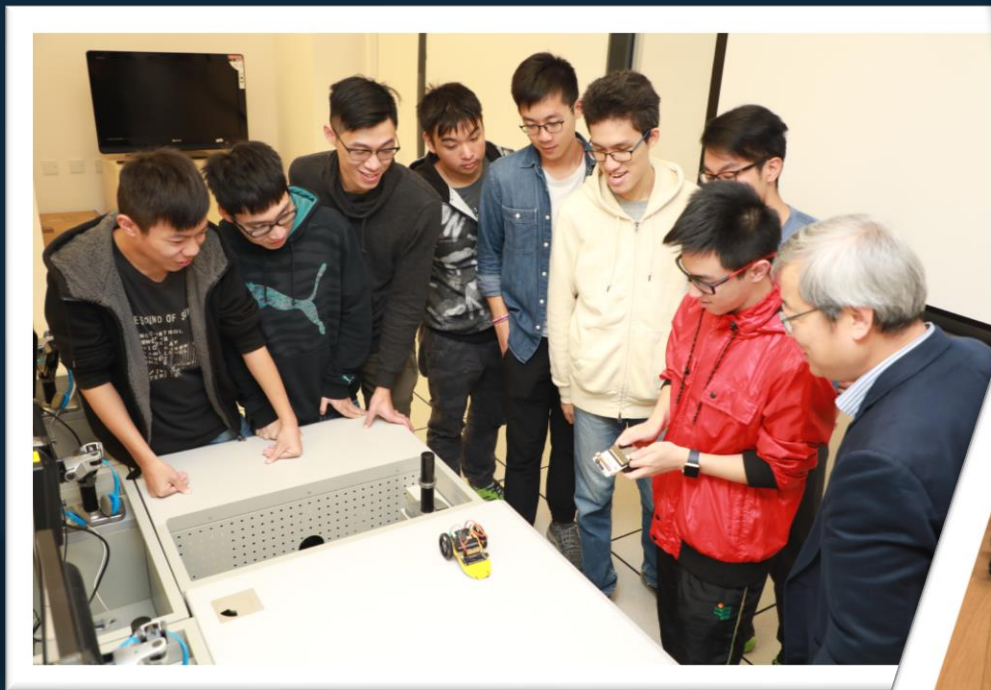


AI robotics workshops





STEM workshops



Overseas study tours

□ Maker Faire





Overseas study tours

香港教育大學
The Education University
of Hong Kong

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Student Exchange
challenge?
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學生交換計劃

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- Preparatory Sessions
- Information Sessions

Further details can be found on GAO website

Global
Affairs
Office
環球事務處

<http://www.eduhk.hk/gao>
outbound@eduhk.hk
(852) 2948 7654

- America & Oceania
- Europe
- Greater China
- Asia



International Conferences





Student associations

Instagram

Search




eduhkict_ictsa

Message

24 posts 349 followers 302 following

香港教育大學第十屆資訊及通訊科技系會臨時行政委員會



edmunityeduhk

Message

13 posts 118 followers 37 following

Edmunity EdUHK
Product/service
Edmunity (education & community) is a platform that aims to provide free STEM education services to the community.
docs.google.com/forms/d/e/1FAIpQLSc2gWDim1HZ1itgfRatXShb3qDKsZxZwVNL12...



eduhk_robotics

Message

2 posts 104 followers 49 following

教大機械 Eduhk_Robotics
香港教育大學 機械人學會
The Education University of Hong Kong - Robotics Society
forms.gle/qAYXL3gNZtg2bcdK8



EDUHK ROBOCON 2022

WE ARE NOW RECRUITING!
JOIN OUR ORIENTATION DAY, TRIAL AND TASTE
OF BUILDING AND PLAYING ROBOTS.





EdUHK Self-Nomination Admissions Scheme

Deadline:
30 December 2022



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

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Career Prospect






What after graduation?

Further Study
(Master Degree)

**Secondary
School Teachers
(ICT, STEM)**

Self-employment
(Startup)






\$31,750 – 40,515

GM (學位教師)

\$74,515 – 82,105

SGM (高級學位教師)



Payscale

官立、資助學校教師薪級表

(2019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	135,470
	一級校長 PI (45-49點)	48	130,760
		47	126,220
		46	121,790
		45	117,580
	二級校長 PII (40-44點)	44	110,170
		43	106,340
		42	101,965
一級小學校長 HMI (38-41點)	首席學位 教師 (副校長) PGM (38-41點)	41	97,745
		40	93,710
		39	89,845
		38	85,870
二級 小學校長 HMII (35-39點)	高級學位 教師 SGM (34-39點)	37	82,105
		36	78,385
高級小學 學位教師 (副校長) SPSM (34-35點)		35	75,265
		34	74,515

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)	薪級點	現行薪酬
		33	73,775
		32	70,465
		31	67,295
		30	64,270
		29	61,415
		28	58,635
助理小學學位教師 APSM (不同時期入職, 薪級點不同)		27	55,995
		26	53,500
		25	51,095
		24	48,860
		23	46,655
		22	44,555
		21	42,545
		20	40,515
		19	38,595
		18	36,765
		17	35,040
		16	33,350
		15	31,750
		14	30,235
		13	28,780
		12	27,145

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	

Source:
<https://hkfew.org.hk/UPFILE/ArticleFile/202022814170635.pdf>

*此表僅供參考，以政府或學校資料為準



Successful stories

Mr. Kwan Man Lung, Ken

Lam Tai Fai College, KLA Conveners (Technology)

The first cohort of graduate of Bachelor of Education (Honours) (Secondary) - Information and Communication Technology Major

"Boost your confidence and explore more than textbooks"

Interview Video



<https://youtu.be/ULPnD2-ToSo>



Successful stories

Wong Yin Hang Hugo

Programme:
Bachelor of Education (Honours) (Secondary) -
Information and Communication Technology,
2020 Graduate



<https://youtu.be/PTS8jku7D88>

Tsui Hok Sing Stanley

Programme:
Bachelor of Education (Honours) (Secondary) -
Information and Communication Technology,
2020 Graduate



<https://youtu.be/sJNeFnxK18o>



Successful stories



EdUHK Start-up Awarded Seed Funding from Cyberport



<https://www.eduhk.hk/en/features/eduhk-start-up-awarded-seed-funding-from-cyberport>

More Information

Website



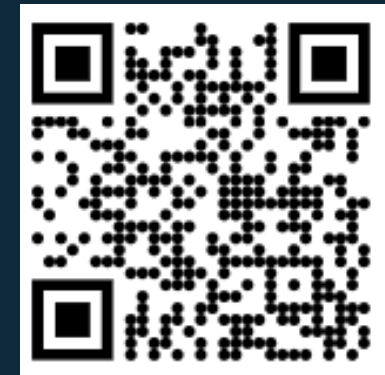
<https://www.eduhk.hk/mit>

Facebook Page



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

Instagram



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



Thanks!

Any questions?



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Programme Leader of BEd
Dr CHOW Sin Yin Alice
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Admissions
Tel: (852) 2948 6886
Email: admission@eduhk.hk



Previous IT workshops

IT WORKSHOPS
DEVELOPING VR EXPERIENCES WITH COSPACES

25 June (Sat)
2:00 pm - 4:00 pm / 4:30pm
Venue: Zoom/ EdUHK Tai Po Campus




Registration:




 香港教育大學
The Education University of Hong Kong

 Department of Mathematics and Information Technology

Enquiries: Dr. LAM Wai Man Winnie
Department of MIT (EdUHK)
Email: winnielam@eduhk.hk

 香港教育大學
The Education University of Hong Kong

 Department of Mathematics and Information Technology

2 JULY (SAT)
2:00 AM - 4:00 PM

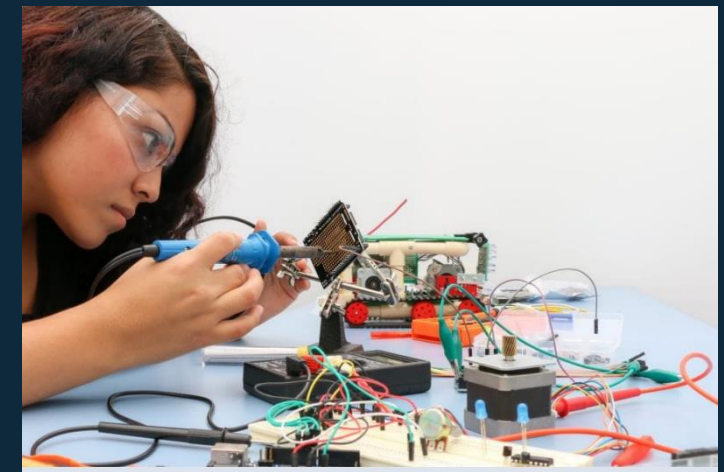

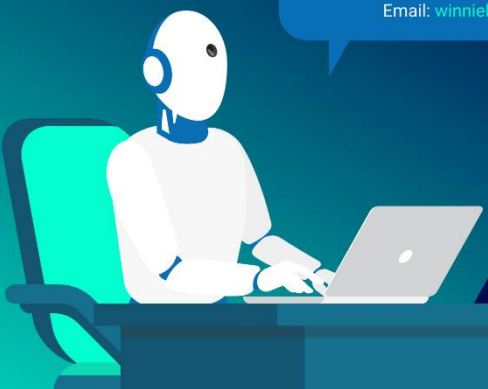
CREATE YOUR OWN AI LEARNING ASSISTANT CHATBOT

ARTIFICIAL INTELLIGENCE WORKSHOP

Learn and create a Chatbot with the AI Technology in the workshop.
Create a personal Assistant to assist your tasks.

Enquiries:
Dr. LAM Wai Man Winnie
Department of MIT (EdUHK)
Email: winnielam@eduhk.hk

Venue: Zoom
Register:



ELECTRONIC CIRCUIT DESIGN AND PROGRAMMING WITH ARDUINO

IT Workshops by Department of MIT (EdUHK)

Experience electronic engineering and programming. Use Arduino to create a STEM project.

Date: 23 July (SAT)
Time: 10:00am - 12:00pm
Venue: EDUHK Tai Po Campus
Quota: 20

Enquiries:
Dr. LAM Wai Man Winnie
Department of MIT (EdUHK)
Email: winnielam@eduhk.hk

Register:

