

# EdUHK

## Undergraduate Programme Introduction

### Department of Science and Environmental Studies (SES)



科學與環境學系  
Department of Science  
and Environmental Studies

Tel: 2948 7669  
Email: [dses@eduhk.hk](mailto:dses@eduhk.hk)



Bachelor of Education (Honours) (Primary) –  
**General Studies** (Five-year Full-time)  
小學教育榮譽學士 - **常識** (五年全日制)

JUPAS Code: JS8234

Non-JUPAS Code: NJ8234S



香港教育大學  
The Education University  
of Hong Kong



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- **General Studies** (Five-year Full-time)  
小學教育榮譽學士 - **常識** (五年全日制)

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# Programme Aims

This programme aims to prepare **outstanding primary school teachers** who:

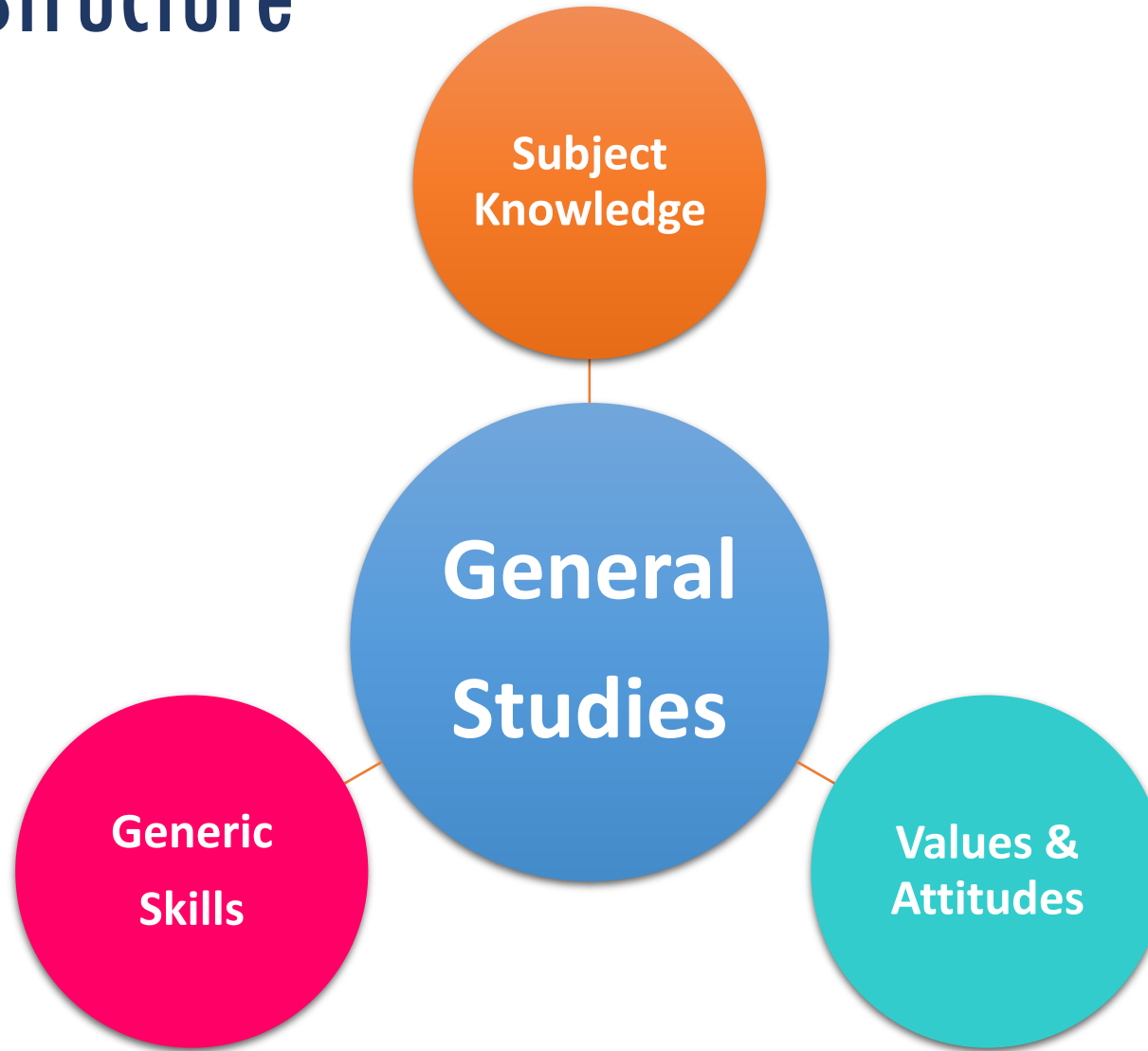
- possess the **generic skills** (e.g., problem solving, critical thinking, creativity, study skills, communications, information technology, etc.) that are essential for learning in the Information Era and for making sense of social and environmental issues;
- are well-acquainted with the **spirit and methods of inquiry**;
- are well-equipped with the **social and scientific inquiry skills**
- that come into play in the teaching and learning of General Studies;
- have the **competence** to ride the tide of the new curriculum reforms; and
- are able to play **a significant role** in curriculum development in the school context

# Programme Aims

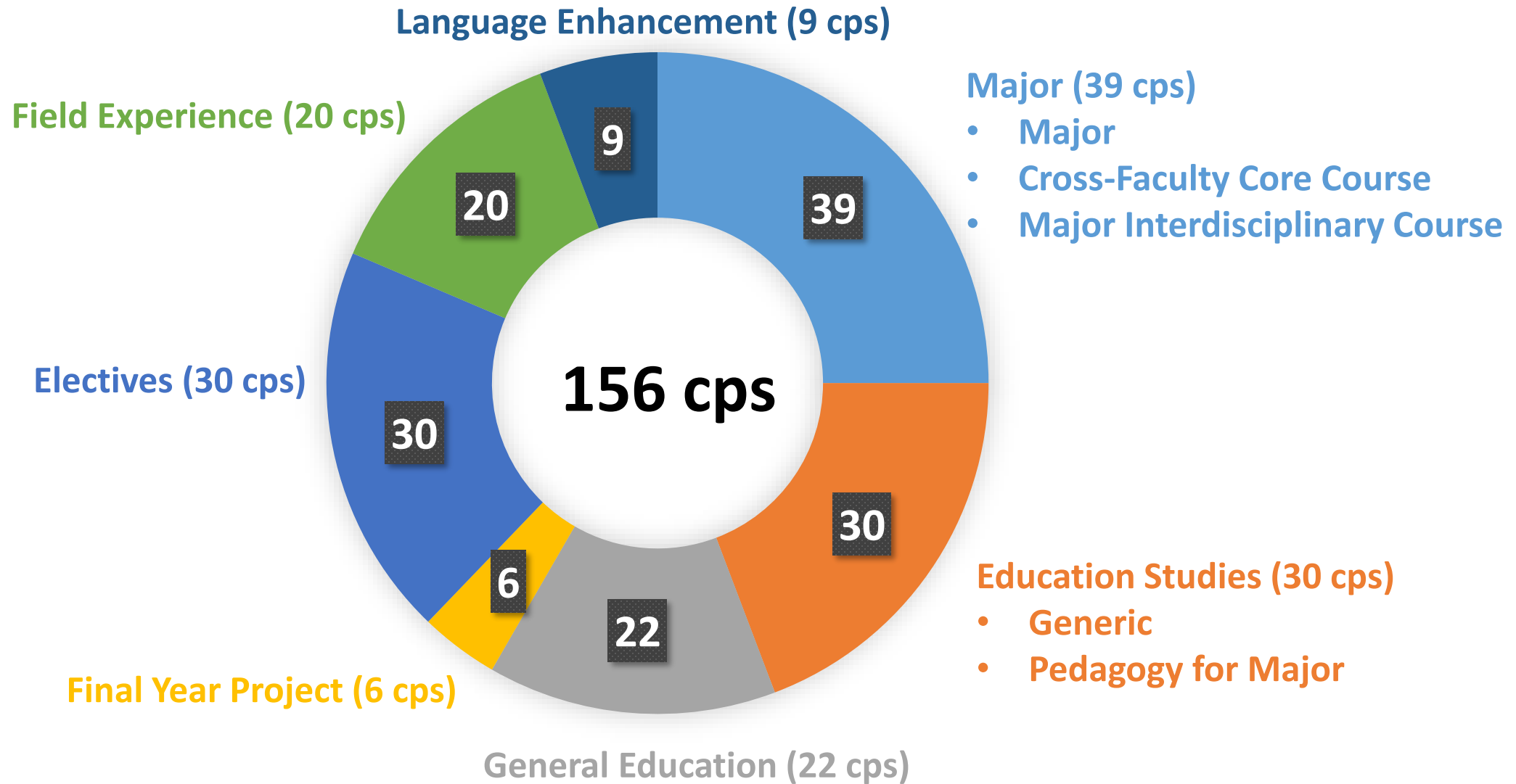
This programme aims to prepare **outstanding primary school teachers** who:

- have **positive professional attitude**;
- have sound **academic knowledge** and broad-based professional knowledge and skills;
- have lifelong learning skills and are able to appreciate **moral, social and cultural values**;
- can **work collaboratively** with students, parents, colleagues, school administrators and other professionals;
- understand **education issues** of Hong Kong and will react to educational innovations positively

# Programme Structure



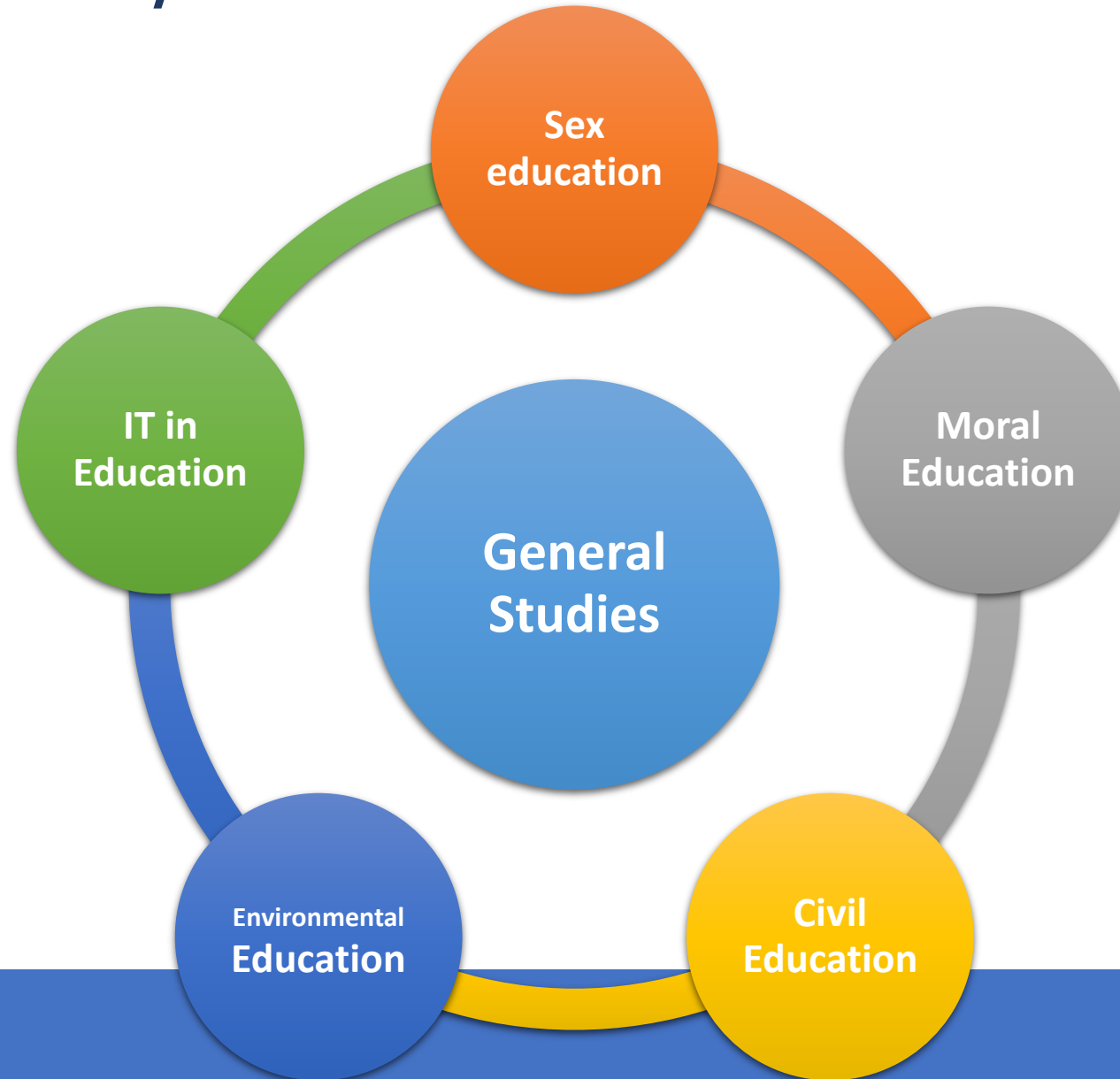
# Programme Structure



# BEd(P)-GS Major Core Courses (39 cps)

Course
The Study of Society: An Introduction
Science in the Contemporary World ( <i>Major Electives</i> )*
Natural World
Chinese Culture and Identity ( <i>Major Electives</i> )*
Healthy Living
Hong Kong Studies
Environmental Studies
Perspectives on Citizenship
Science, Technology and Society
Globalization: Trends and Development
Living in the Information Age
Interdisciplinary Concepts and Thinking ( <i>Major Interdisciplinary Course</i> )
Trends and Development in General Studies
Cross-Faculty Core Courses

# Interdisciplinary Curriculum





# Central Curriculum of General Studies

- Health and Living
- People and Environment
- Science and Technology in Everyday Life
- Community and Citizenship
- National Identity and Chinese Culture
- Global Understanding and the Information Era



# General Studies in Primary School Curriculum

- Holistic Education
- Life-Wide Learning
- Student-Oriented



# Cultural Exploration / Scientific Inquiry Activities



# Service-Based Learning



# Entrance Requirements

## BEd(P)-GS

Core Subjects	Minimum Level
CHINESE LANGUAGE	3
ENGLISH LANGUAGE	3
LIBERAL STUDIES	2
MATHEMATICS COMPULSORY PART	2
Elective Subject(s)	Minimum Level
ANY 1 SUBJECT*	2

\*Note: excluding Applied Learning Chinese

Retrieved from JUPAS Website

<https://www.jupas.edu.hk/en/programme/eduhk/JS8234/>

# JUPAS Application Statistics

## BEd(P)-GS Figures (As of Sept 2022)

### Application Statistics (after Modification of Programme Choices)

Year	Band A	Band B	Band C	Band D	Band E	Total
2022	789	905	1000	981	697	4372
2021	787	796	920	921	670	4094
2020	793	1011	1000	1017	757	4578

more

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

Year	Band A	Band B	Band C	Band D	Band E	Total
2022	24	6	0	0	0	30
2021	39	3	0	0	0	42
2020	39	1	0	0	0	40

more

Retrieved from JUPAS Website

<https://www.jupas.edu.hk/en/programme/eduhk/JS8234/>

# Enquiries for BEd(P)-GS

## Registry

Tel: (852) 2948 6886

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

## Programme

**Dr LEE Hoi Man**

Tel: (852) 2948 8699

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



### Programme Information

**小學教育榮譽學士 - 常識 (五年全日制)**  
**Bachelor of Education (Honours) (Primary) –**  
**General Studies**  
**(Five-year Full-time)**  
**JS8234**

# University Campus







**3rd** in Asia and  
**17th** in the  
world

**World class  
recognition**

(QS) World University  
Rankings by Subject  
(Education and Training)  
2022

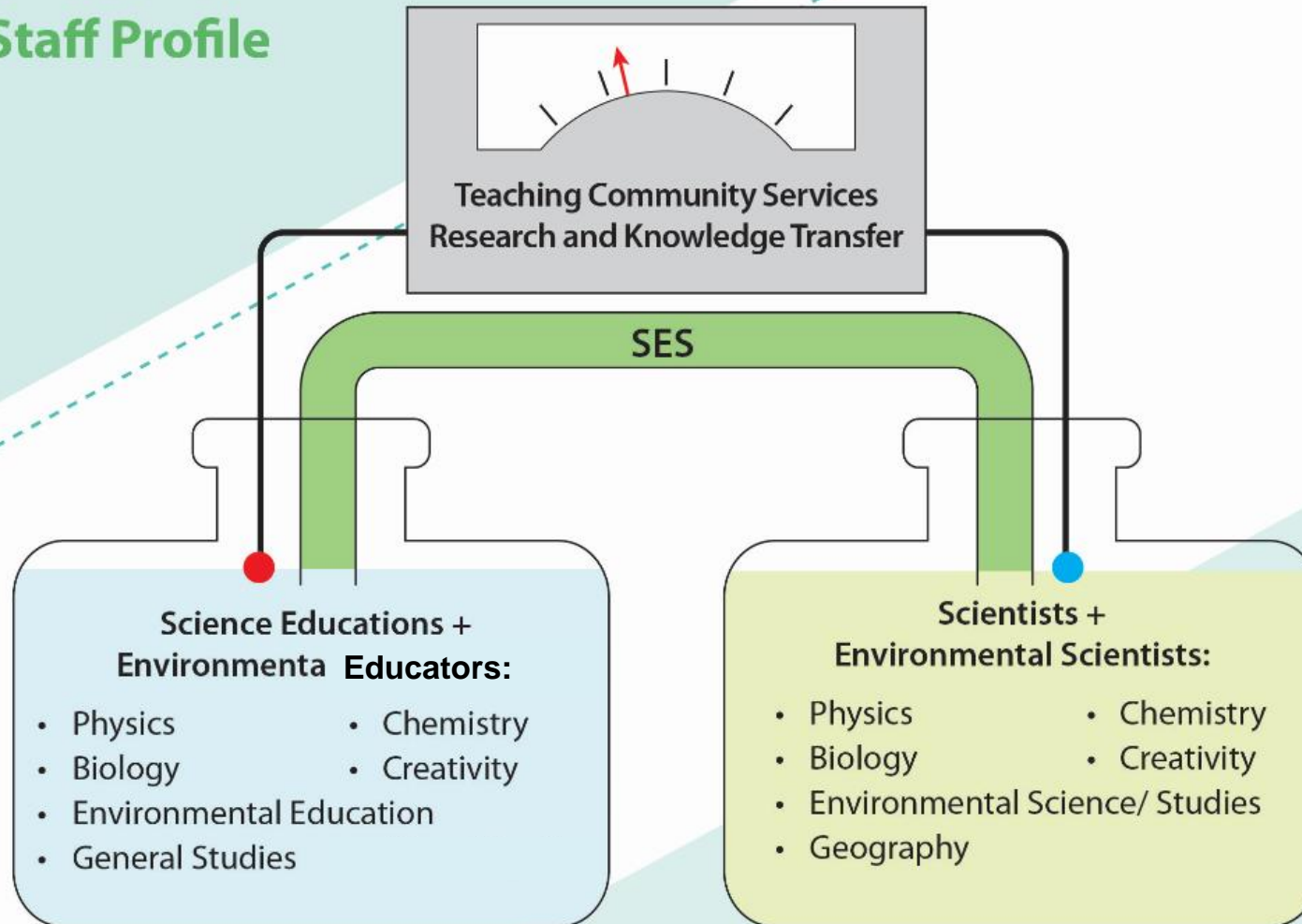
“Education-plus”  
vision

**An education  
that is  
more than  
Education**

Our academic scope is not limited to the traditional strength of teacher education but has expanded to a wide range of complementary programme offerings.

# About SES Department

## SES Staff Profile



# SES Department and Facilities

Laboratory of Marine Pollution (Consortium Member of State Key Laboratory of Marine Pollution (SKLMP))



Physics Laboratory



Chemistry Laboratory



Astronomical optics laboratory



Biology Laboratory

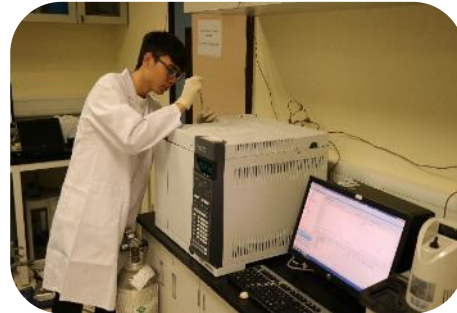


STEM Laboratory

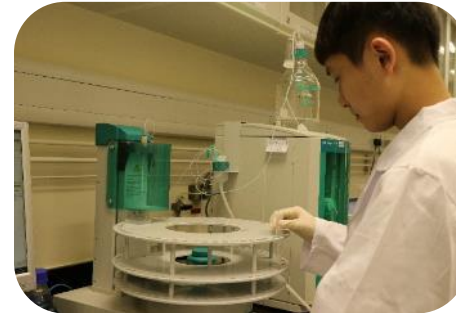
# SES Department and Facilities



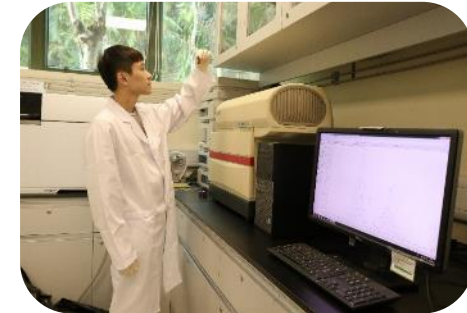
Inductively Coupled  
Plasma Mass Spectrometry  
(ICP-MS)



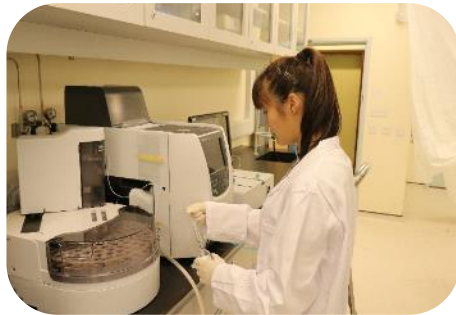
Gas Chromatography(GC-  
FID/TCD/FPD Analysis)  
GC-(FID/TCD)



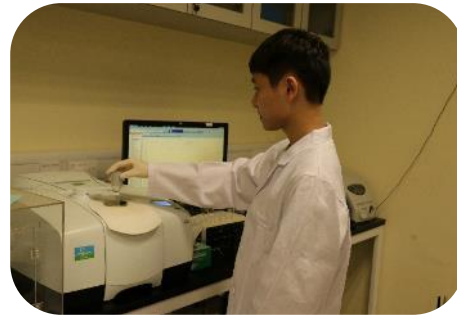
Ion- Chromatography



High-Performance Liquid  
Chromatography (HPLC)



Total Organic Carbon  
Analyzer (TOC-L)



Fourier Transform Infrared  
Spectroscopy (FTIR)

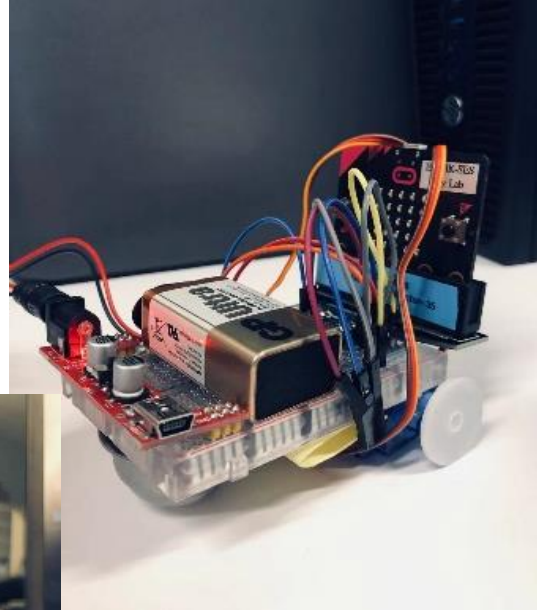
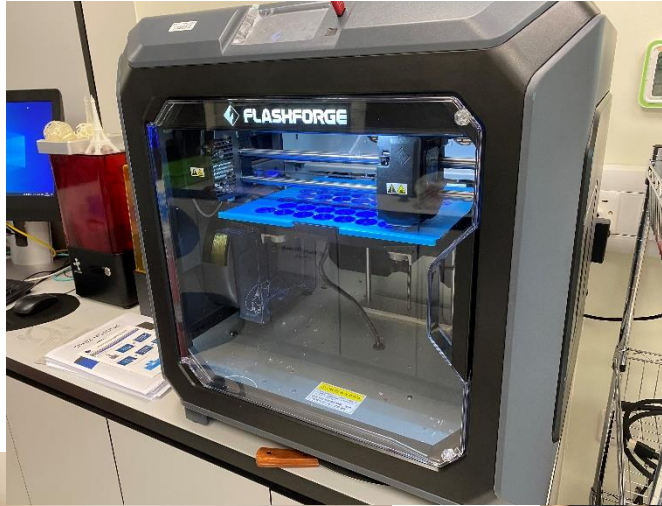


3D Printer



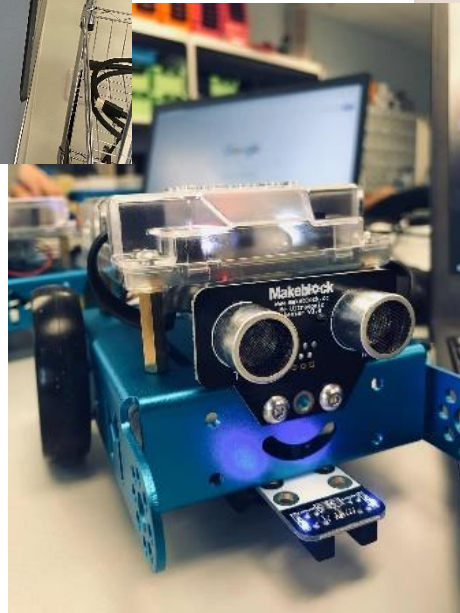
Laser Cutter

# SES Department and Facilities



## STEM Laboratory

- ▶ Laser Machine
- ▶ 3D Printer
- ▶ Make block Robotics
- ▶ Drilling Machine
- ▶ Many different tools for STEM experiments



# SES Department and Facilities



Established in 2016, which serves several purposes:

- ▶ Facilitating the University's development of environmental studies;
- ▶ Providing education for sustainability;
- ▶ Enhancing students' knowledge and awareness of environmental protection.



# Overseas Learning Opportunities



Japan



# Informal Learning



Students have opportunities to participate in...





# Diving Team 潛水隊



## Eco-garden Farmers and Surveyors 生態園農夫與生物多樣性調查隊



# Media Coverage — Ming Pao Daily

## 大學道

大學課程由一門學科中斷，中大學生生活申請將會，在該課程中不但要學好，還要掌握專業知識。本報《大學道》邀請專業人士包括工程師、科學、法律及金融、新聞、醫藥，以及教育行業的專業人士，為不同領域提供相關課程，希望有助同學在該大學大專課程中。

## STEM教育與社會

近年，STEM教育興起，社會各界亦重視科學教育，亦吸引不少對科學有興趣的年輕人投身教育專業，劃時令是其中之一。現於中華傳道會劉永生中學之「立志作育英才」計劃，以科學教育為核心，培養下一代對科學的熱愛。

## 矢志作育英才 充足訓練 毋懼疫情下教學挑戰

男兒當自強，教育界人士，願為社會培育人才，而STEM教育，亦為其中一環。立志作育英才計劃，自開辦以來，一直深受家長及學生支持。該計劃由劉永生中學及中華傳道會合作，以科學教育為核心，培養下一代對科學的熱愛。

## 打穩根基 教學更具信心

劉麗城老師表示，STEM教育不僅是知識的傳授，更是能力的培養。在教學過程中，她會注重學生的動手能力和團隊合作精神，讓他們在實踐中學習，從而建立學習的信心。

## STEM涉多門學科

STEM教育並非單一學科，而是跨領域的綜合教育。它涵蓋了科學、技術、工程和數學等領域，旨在培養學生的綜合素質和解決問題的能力。

## STEM教育與社會

STEM教育的興起，反映了社會對人才的需求。在科技日新月異的今天，具備STEM素養的人才將更具競爭力。學校應加強與社會的聯繫，為學生提供更多實踐機會。

## STEM教育與社會

STEM教育的推廣，需要政府、學校、家長和社會的共同努力。通過加強合作，我們可以更好地落實STEM教育，為學生提供更好的教育環境。

## 教大專科

專業培訓，培育人才。教大專科課程，旨在為學生提供高質量的專業教育，培養具備實踐能力的專業人才。

## 課程設置與加入

課程設置豐富，歡迎加入。我們提供多項專業課程，涵蓋不同領域，歡迎有志人士踴躍報名參加。

## 課程內容與師資

課程內容充實，師資力量雄厚。我們聘請了多位資深專業人士擔任導師，確保課程的質量和教學效果。

## 師資力量雄厚

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## 教大兩教育榮譽學士課程

培育優秀科學及常識科教師。本課程旨在培養具備專業知識和教學能力的優秀教師，為中小學教育貢獻力量。

## 教大科學與環境學系教育學士課程

培育優秀科學及常識科教師。本課程由科學與環境學系主辦，內容涵蓋科學知識、教學法及專業發展等，為有志從事科學教育的同學提供優質培訓。

## 課程名額及聯絡資訊

課程名額有限，報名從速。歡迎踴躍報名，詳情請洽課程負責人。

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# More Information

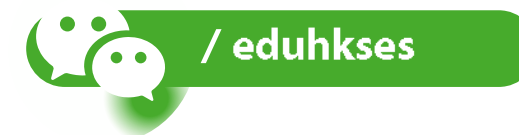
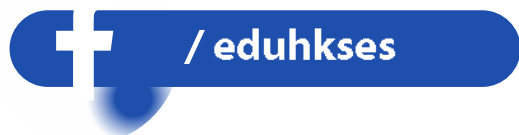
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