

人工智能時代的科學教育
最關鍵的是甚麼？

What is Essential for
Science Education in an
AI Era?

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人工智能時代的科學教育最關鍵的是甚麼？ What is essential for science education in an AI era?

- 在人工智慧時代，專業教師應具備哪些核心特質？
What are the essential attributes of professional teachers in an AI era?
- 環境永續性、科學教育與教師培訓之間有何關聯？
What is the relationship between environmental sustainability, science education, and teacher training



To be a caring cultivator of all-round growths
關愛學生的育才者 - 支援全人成長

To be an inspirational co-creator of knowledge
啟發學生的共建者 - 結伴建構知識

To be a committed role model of professionalism
敬業樂群的典範 - 彰顯專業精神

Education Futures Diverse Talents

教育未來 多元專才

- Our mission to lead educational innovation
- **Education Futures, Diverse Talent** as the theme
- To revamp undergraduate curriculum with **four new emphases**
- To provide students with **whole-person development**, cultivate **proper values** and equip them with **diverse skills** to cope with the challenges in future
- To prepare graduates to be **forward-thinking** with positive values, research skills, STEAM knowledge and abilities, an understanding of sustainable development, and a national and global perspective





香港教育大學

The Education University of Hong Kong

綜合環境管理榮譽理學士及科學教育榮譽學士

Bachelor of Science (Honours) in
Integrated Environmental Management

and

Bachelor of Education (Honours) (Science)
(Co-terminal Double Degree Programme)
(Five-year Full-Time)



Primary Science Teacher



Secondary Science Teacher



Environmental Professional



<https://www.wenweipo.com/a/202508/07/AP6893bad7e4b0c9678ee5e464.html>

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

職級	薪級點	現行薪酬
高級學位教師	48	147,125
一級校長 PI (45-49點)	48	142,010
一級小學校長 HMI (43-46點)	47	137,085
二級校長 PII (40-44點)	46(44B)	132,275
二級小學校長 HMII (40-43點)	45(44A)	127,700
首席學位教師 (副校長) PGM (38-41點)	44	119,850
高級學位教師 SGM (34-39點)	43	115,495
高級小學學位教師 (副校長) SPSM (34-39點)	42	110,740
學位教師 GM (不同時期入職，薪級點不同)	41	106,155
助理小學學位教師 APSM (不同時期入職，薪級點不同)	40	101,775
文憑教師 CM (不同時期入職，薪級點不同)	39	97,575
高級小學學位教師 (副校長) SPSM (34-39點)	38	93,255
助理小學學位教師 APSM (不同時期入職，薪級點不同)	37	89,170
文憑教師 CM (不同時期入職，薪級點不同)	36(33C)	85,130
高級小學學位教師 (副校長) SPSM (34-39點)	35(33B)	83,150
文憑教師 CM (不同時期入職，薪級點不同)	34(33A)	82,330
高級小學學位教師 (副校長) SPSM (34-39點)	33	81,510
文憑教師 CM (不同時期入職，薪級點不同)	32	77,855
高級小學學位教師 (副校長) SPSM (34-39點)	31	74,345
文憑教師 CM (不同時期入職，薪級點不同)	30	71,010
高級小學學位教師 (副校長) SPSM (34-39點)	29	67,850
文憑教師 CM (不同時期入職，薪級點不同)	28	64,780
高級小學學位教師 (副校長) SPSM (34-39點)	27	61,665
文憑教師 CM (不同時期入職，薪級點不同)	26	59,110
高級小學學位教師 (副校長) SPSM (34-39點)	25	56,450
文憑教師 CM (不同時期入職，薪級點不同)	24	53,980
高級小學學位教師 (副校長) SPSM (34-39點)	23	51,545
文憑教師 CM (不同時期入職，薪級點不同)	22	49,230
高級小學學位教師 (副校長) SPSM (34-39點)	21	47,010
文憑教師 CM (不同時期入職，薪級點不同)	20	44,765
高級小學學位教師 (副校長) SPSM (34-39點)	19	42,640
文憑教師 CM (不同時期入職，薪級點不同)	18	40,620
高級小學學位教師 (副校長) SPSM (34-39點)	17	38,715
文憑教師 CM (不同時期入職，薪級點不同)	16	36,850
高級小學學位教師 (副校長) SPSM (34-39點)	15	35,060
文憑教師 CM (不同時期入職，薪級點不同)	14	33,405
高級小學學位教師 (副校長) SPSM (34-39點)	13	31,795
文憑教師 CM (不同時期入職，薪級點不同)	12	29,995

Bridging Science, Education, and the 17 SDGs for a Sustainable Future



**SUSTAINABLE
DEVELOPMENT
GOALS**

Discipline Major: Integrated Environmental Management BSc(IEM)

Discipline Studies Major (IEM) (32 cps)	Credit Points
Ecology	3
Fundamental Statistics for Environmental Analysis	2
Pollution Control and Waste Management	3
Environmental Modelling	3
Environmental Science and Management	3
Analytical Chemistry: Instrumentation & Quantitative Analysis	3
Industrial Chemistry: Environmental & Technology	3
Environmental Impact Assessment	3
Internship	3
Environmental and Public Health Risk Assessments	3
Food Security, Safety and Management	3
Discipline Studies Major Elective Course (3 cps, Choose ONE out of THREE)	
Environmental Education and Communication	3
Conservation and Management of Natural Resources	3
Innovative Technologies for Environmental Management	3

Education Major: Science BEd(SCI)

Education Major Course (33 cps)	Credit Points
Biology & Chemistry Majors (9 cps)	
Foundation Science: Matter, Energy & Change	3
Foundation Science: The Earth & Beyond	3
Science, Technology, Engineering & Society	3
Chemistry Major (24 cps)	
Foundation Science: Life & Living	3
Organic Chemistry: Molecule & Isomerism	3
Inorganic Chemistry: s, p & d Block Elements	3
Physical Chemistry: Properties, Thermodynamics & Equilibrium	3
Materials Chemistry: Resources, Material & the Environment	3
Advanced Physical Chemistry: Kinetics, Mechanism & Electrochemistry	3
Advanced Organic Chemistry: Synthesis & Application	3
Advanced Inorganic Chemistry: Coordination Chemistry	3
Pedagogy for Major (6 cps)	
Biology & Chemistry Majors (3 cps)	
Teaching & Learning of Primary Science	3
Chemistry Major (3 cps)	
Teaching & Learning of Secondary Chemistry	3

Biology & Chemistry major will be offered in 2026/27

Go Global



90%+

students who have applied for Exchange Programme receive exchange offers

- One-semester Credit Bearing Exchange
- Global Summer Programmes
- Short-term Study Visits
- Virtual Exchange Programmes



200+

Exchange Partners

Outbound learning programmes in the Greater China Region and worldwide



30+

Countries/ Regions

Cultural visits, summer schools, language courses, field trips, etc.

Max.
\$10,000
for each
undergraduate
students



Entrance Requirements

BSc(IEM)&BEEd(SCI) 綜合環境管理榮譽理學士及科學教育榮譽學士 JS8011

Core Subjects	Minimum Level
Chinese Language	3
English Language	3
Citizenship And Social Development	Attained
Mathematics Compulsory Part	2
Elective Subject(s)	Minimum Level
Elective 1: Biology, Chemistry, Physics, Or Equivalent Qualification*	3
Elective 2	2

*Note: At least one subject from the above list or equivalent qualifications.

**Preferred HKDSE subjects with the highest weighting for admission score calculation include:
Biology/ Chemistry/ Physics**

JUPAS Score Calculation for 2026 Entry

Scoring Scale:

Category A: Core and Elective Subjects

Level	5**	5*	5	4	3	2	1
Score	7	6	5	4	3	2	1

Subject Weightings for JUPAS Score Calculation:

Subject	Subject Weightings
Chemistry	x 1.5
Biology	x 1.5
Physics	x 1.2
Mathematics, M1/M2	x 1.1
Geography	x 1.1

EdUHK Self Nomination Admission Scheme

Eligibility

- Put **BSc(IEM)&BEEd(SCI)** as **Band A choice(s)** in JUPAS application;
- Obtain high-performance standards in respective STEAM areas with relevant achievements;
- Recommended by relevant associations/ organisations/ schools (optional but preferable).

Applicants shortlisted will be interviewed in coming February or June. Students with excellent performance in the interview(s) will be given priority of admission if deemed appropriate



www.apply.eduhk.hk/ug/selfnom

Undergraduate Entrance Scholarships



- Substantially increased by 40%
- Total amount nearly **HK\$25 million**
- To attract and support ambitious and outstanding students with excellent academic/ non-academic achievements to enrol at EdUHK
- **Three new entrance scholarships** for the 2026 entry

Enquiries for BSc(IEM)&Bed(SCI)

Registry

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Programme

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Programme Information

綜合環境管理榮譽理學士及
科學教育榮譽學士
BSc(IEM)&BEEd(SCI)
JS8011

More information

Department of Science and Environmental Studies

Tel: 2948 7669

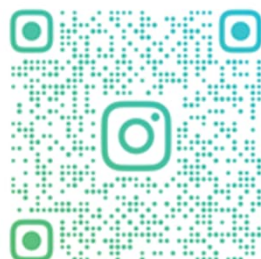
Email: dses@eduhk.hk



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Your Voice



https://eduhk.au1.qualtrics.com/jfe/form/SV_bxcsy0dGPaW38uG

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Students admitted into this programme starting from the 2023/24 cohort are required to visit the Greater Bay Area (GBA) and/or other parts of Mainland China. Programme may also require students to participate in other non-local learning experience for completion of the programme. While the visits are heavily subsidised, students are still required to contribute part of the estimated cost of the visits ("student contribution"), whereas personal entertainment, meals expenses, travel document fee and personal insurance costs will not be supported. The estimated cost of the visits for students admitted to the 2024/25 cohort is not available yet as it is subject to a variety of factors such as changes to the cost of the visits as a result of inflation, trip duration, traveling expenses, the exchange rate, etc. The exact amount of student contribution is thus not available.