



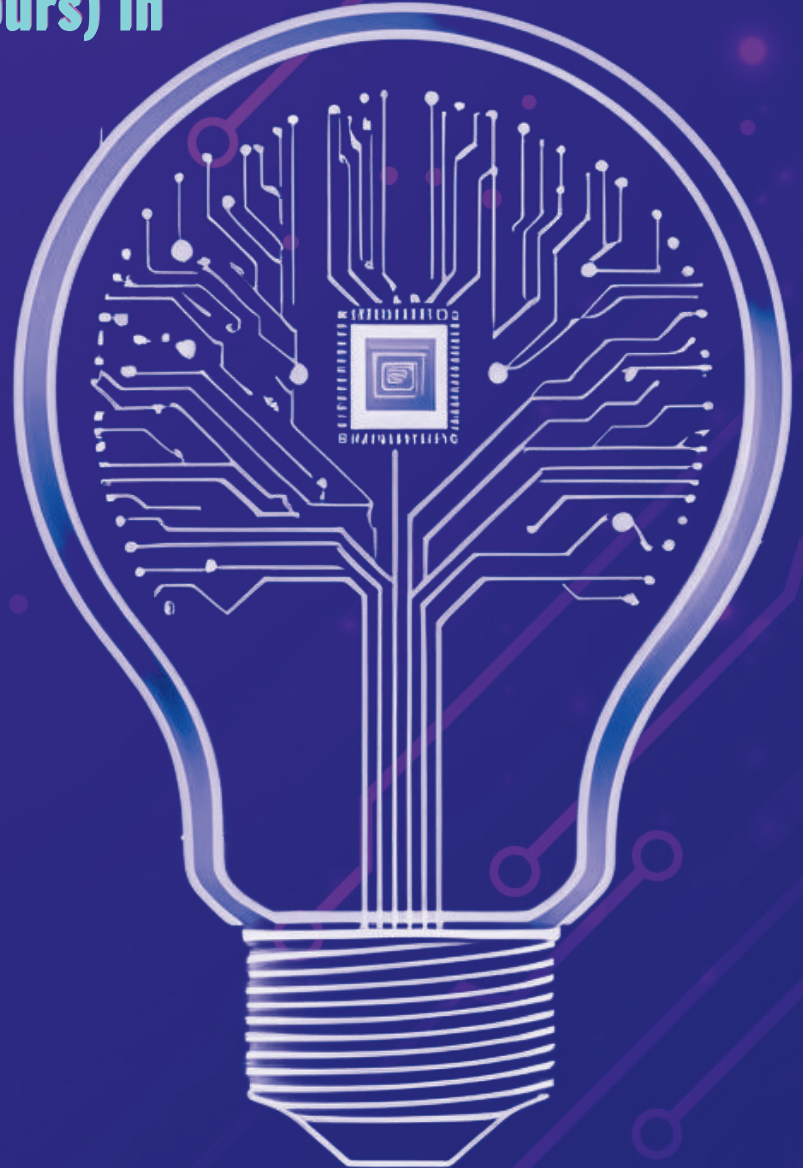
香港教育大學
The Education University
of Hong Kong

Bachelor of Science (Honours) in Artificial Intelligence and Educational Technology

(Year 1 Admissions / Senior Year Admissions)

EdUHK Programme Code: A4B095

JUPAS Code: JS8714



FACULTY OF LIBERAL ARTS AND SOCIAL SCIENCES
博文及社會科學學院

Programme Introduction

The BSc(AI&EdTech) programme is designed to meet the growing societal demand for professionals in artificial intelligence and educational technology, while actively responding to the continuous evolution of education and other industries in the era of digitalisation and intelligence. It aims to:

- provide students with fundamental knowledge and skills in artificial intelligence and educational technology;
- develop students' ability in applying knowledge of artificial intelligence and educational technology appropriate to teaching and learning;
- build up students' skills in using appropriate methods of artificial intelligence and educational technology to approach and solve real-world problems in educational contexts; and
- equip students with the capacity to conduct and evaluate educational projects supported by ethical use of artificial intelligence and educational technology.

Programme Features

- **Industry-Relevant Skills:** Equips students with technical knowledge in AI, including machine learning, neural networks, natural language processing, computer vision, and data science, along with essential skills for diverse career paths.
- **Interdisciplinary Focus:** Integrates AI with educational technology, preparing students for careers at the intersection of these fields.
- **Hands-on Learning:** Emphasises practical experience through internships, projects, and lab work, enabling students to apply their skills in real-world settings.

Programme Structure

Domain	Credit Points (cps)	
	Year 1 Admissions	Senior Year Admissions
Major <ul style="list-style-type: none">• Major Core• Major Electives• Cross-Faculty Core Course• Living and Working in Our Country• Major Interdisciplinary Course• Internship	33	15
Second Major* / Minor(s) / Electives	6	6
General Education	3	3
Language Enhancement	3	/
Final Year Project (Honours Project / Capstone Project)	3	3
Total (Minimum required cps for graduation):	6	6
	121	60

*Not applicable for Senior Year Admissions

Experience Sharing



CHONG Pui Shan Wendy 2025 Graduate

"The BSc(AI&EdTech) programme equipped me with in-depth expertise in various AI fields, such as Machine Learning, Computer Vision, and Natural Language Processing. Crucially, it provided valuable internship opportunities for all students in this programme. In the summer of 2024, I worked as an intern at a leading EdTech firm and gained hands-on experience in applying AI to language learning tools. This real-world exposure, combined with coursework in Python and Machine Learning frameworks, sharpened both my technical skills and collaborative problem-solving abilities. The programme's balance of theory and industry practice prepared me well for my role in developing accessible learning solutions. I am very grateful for the learning opportunities provided by the BSc(AI&EdTech) programme and will continue to research the integration of AI and education in the future."



XIU Ruoxin Year 4 Student

"The BSc(AI&EdTech) programme has greatly shaped my professional and personal development, as well as my career planning. This programme offers many practical assignments that allow me to apply my knowledge to real problems. It was challenging at first, but gradually, I found that my programming and problem-solving skills improved a lot through this process.

Another highlight is the academic advising system, which provided me with invaluable support and guidance throughout my studies. Each student is assigned an advisor for four years, which helped me a lot when I was unsure about my future at the beginning of university. Through regular communication with my advisor, I developed a clearer plan and decided to join a research group after my first year of studies. By assisting PhD students in data collection and processing, I learned valuable research skills and started to work on my own projects as my experience grew. These experiences have provided a solid foundation for my practical assignments, internships, and Final Year Project.

Looking ahead, I hope to continue exploring AI and apply what I have learned to solve real-world problems and create a meaningful impact on society."

Entrance Requirement

Year 1 Admissions

HKDSE students should have:

- Level 3 or above in Chinese Language, English Language and Mathematics (Compulsory Part); and
- “Attained” in Citizenship and Social Development; and
- Level 2 or above in 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).

Priority consideration will be given to applicants who have taken more than one of the above elective subjects. Applicants should also pass the admission interview.

Senior Year Admissions

Applicants should normally

- hold a recognised post-secondary qualification, such as a Higher Diploma or Associate Degree or equivalent in information technology, statistics or engineering related disciplines with a good GPA; or
- be a final-year student of a recognised Higher Diploma / Associate Degree or equivalent in information technology or engineering related disciplines (subject to successful completion of the programme with a good GPA); or
- be a transfer student who is currently enrolled in a Bachelor's degree or higher degree programme in information technology or engineering related disciplines at a local or non-local university.

Applicants should also fulfil English and/or Chinese language requirement, unless exempted by the University; and pass the admission interview.

Career Prospects

Graduates of this programme will be well-prepared for technical and support roles across various sectors, such as AI engineers, data scientists, software engineers, e-learning developers, educational technology specialists, and teaching assistants. Graduates can pursue roles in the IT industry, schools, educational technology companies, IT-related positions in other industries, as well as government and non-governmental organisations.

With experience, graduates have the potential to advance to leadership roles such as systems analysts and educational technology managers. Additionally, the programme provides a strong foundation for graduates who are interested in pursuing postgraduate studies in artificial intelligence, education, or information technology.

Admission Enquiries



(852) 2948 6886



admission@eduhk.hk

General Enquiries



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Programme website:
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Students admitted into this programme are required to visit the Greater Bay Area (GBA) and/or other parts of Mainland China. 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, travelling expenses, the exchange rate, etc.

Bachelor of Science (Honours) in Artificial Intelligence and Educational Technology

and Bachelor of Education (Honours) (Information and Communication Technology and Primary Science)*

JUPAS Code: JS8008

EdUHK Programme Code: A5B111

Five-year Full-time

Programme Introduction

The BSc(AIET)&BEEd(ICT&PSci) cross-sectoral double degree programme aims to nurture adept and visionary educators equipped with the expertise to cater to the multifaceted educational requirements of learners. Embracing the ethos of inclusivity and community values a diverse range of intelligences within the realms of Information and Communication Technology and Primary Science education, Artificial Intelligence, and Education Technology. Through rigorous training and immersive experiences, we aim to produce professionals who can navigate and harness the transformative power of these technologies to shape the future of education.

Programme Structure

Domain	Credit Points (cps)
Major <ul style="list-style-type: none">• Discipline / Discipline Studies Major• Education Major• Cross-Faculty Core Course	71 (35) (33) (3)
Education Studies <ul style="list-style-type: none">• Education Studies Core• Pedagogy for Major	30 (24) (6)
Field Experience	22
General Education	18
Language Enhancement	9
Final Year Project (Honours Project / Capstone Project)	6
Minor(s) / Elective(s) (Optional)	0
Total (Minimum required cps for graduation):	156

Programme Features

- Foster a comprehensive understanding of ICT education, Primary Science education, AI and EdTech concepts and methodologies, enabling students to address the diverse abilities and backgrounds of students in ICT and Primary Science educational environments.
- Nurture pedagogical skills and professional knowledge by integrating theoretical insights with practical applications from ICT education, Primary Science education, AI and EdTech.
- Encourage critical and innovative analysis of local, national, regional, and global social issues relating to the use of ICT education, Primary Science education, AI and EdTech in educational settings.

Experience Sharing



HO Matthew

**2025 Graduate of Bachelor of Education (Honours)
(Secondary) – Information and Communication Technology***

“During my five years of study here, the two Block Practices in Field Experience have been truly invaluable. They give us the opportunity to step into real classrooms, design engaging lessons, and put our teaching strategies into practice with students. These placements help us build confidence, improve classroom management skills, and receive constructive feedback from experienced teachers as supervisors. I especially enjoyed trying out creative ways to integrate new EdTech into lessons, which made learning more interactive and fun for my students. The Field Experience makes our training practical and prepares us to become effective, reflective, and innovative educators.”



CHAN Wai Yi Kelly

**Year 4 Student of Bachelor of Education (Honours)
(Secondary) – Information and Communication Technology***

“When I joined the BEd(S)-ICT programme, the exciting blend of AI and educational technology sparked a deep curiosity and passion in me. The faculty’s warm, personalised guidance created a nurturing space where I could explore freely and grow with confidence. EdUHK provided countless avenues for growth—thrilling tech startup competitions, like CUPP, Techathon, fueled my entrepreneurial drive, while diverse internships, like developing an ed-tech app, sharpened my skills and deepened my love for this dynamic field. Collaborative projects and dedicated mentors shaped me into a confident, forward-thinking professional ready to make an impact. EdUHK’s MIT department welcomes incoming freshmen with a supportive community, rich with possibilities to uncover passions and grow at their own pace.”

* Now titled Bachelor of Science (Honours) in Artificial Intelligence and Educational Technology and Bachelor of Education (Honours) (Information and Communication Technology and Primary Science).

Entrance Requirements

HKDSE students should have:

- Level 3 or above in Chinese Language, English Language and Mathematics (Compulsory Part); and
- “Attained” in Citizenship and Social Development; and
- Level 3 or above in one of the following subjects: Information and Communication Technology / Biology / Chemistry / Physics; and
- Level 2 or above in any one elective subject.

Applicants should also pass the admission interview.

Career Prospects

The in-depth academic and professional knowledge confer graduates of the programme with excellent career prospects. Graduates will possess a teacher qualification in Hong Kong and are ready to become fully qualified teachers in local primary and secondary schools. In addition to the professional teaching career, graduates will possess the academic knowledge and intellectual skills to embark on a wide variety of other relevant jobs in the government sector, non-government organisations, commercial organisations, publishing sector, etc.

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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.

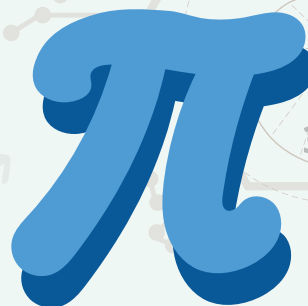
Students admitted into this programme are normally assigned a focus of study (i.e. primary or secondary level) by the end of their first year of study. The focus of study will be reflected in the arrangements for their Field Experience and adopted for the purpose of application for Registered Teacher in Hong Kong upon graduation. This programme is designed to provide students with the disciplinary and professional competency to teach in both primary and secondary schools. However, recognition of Registered Teacher in primary or secondary schools in Hong Kong is subject to the decision of the Education Bureau (EDB). Graduates of this programme are required to approach the Teacher Registration Team of the EDB to submit applications directly and all applications will be independently assessed by the EDB.

**Bachelor of Science (Honours) in
Artificial Intelligence and
Educational Technology
and Bachelor of Education (Honours)
(Primary Mathematics)**

JUPAS Code: JS8009

EdUHK Programme Code: A5B112

Five-year Full-time



Programme Introduction

You are on your way to becoming a professional. The BSc(AIET)&BEd(PM) double degree programme opens up two career paths for you. You can be a qualified Mathematics teacher in a primary school or a competent member of a technology company. You will learn Mathematics, Pedagogy, Artificial Intelligence, and relevant technologies and be ready for an exciting career.

Programme Structure

Domain	Credit Points (cps)
Major <ul style="list-style-type: none">• Discipline / Discipline Studies Major• Education Major• Cross-Faculty Core Course	71 (35) (33) (3)
Education Studies <ul style="list-style-type: none">• Education Studies Core• Pedagogy for Major	30 (24) (6)
Field Experience	22
General Education	18
Language Enhancement	9
Final Year Project (Honours Project / Capstone Project)	6
Minor(s) / Elective(s) (Optional)	0
Total (Minimum required cps for graduation):	156

Programme Features

- Prepares students for a promising educational career in teaching Primary Mathematics with up-to-date pedagogy, teaching approaches and STEAM education.
- Equips students with the latest AI and education technologies.
- Emphasises the integration of AI-powered tools and Mathematics teaching.
- Offers immersive learning experience with teaching practices in schools and industrial internships in corporations to gain valuable practical experience.
- Aims to prepare professionals capable of meeting the growing challenges of the educational sector.

Experience Sharing



CHAU Cheuk Lam
2025 Graduate of Bachelor of Education (Honours)
(Primary) – Mathematics*

“During my five transformative years in the Bachelor of Education (Honours) (Primary) – Mathematics programme, I was immersed in invaluable hands-on teaching experiences that ranged from lesson planning to engaging in school-based practice. The programme not only provided abundant resources but also fostered a community of supportive and inspiring lecturers who were dedicated to my growth. These rich experiences have profoundly enriched my learning journey and prepared me for my professional aspirations. As I graduate, I feel well-equipped and confident to face the challenges of teaching and to begin my journey as an educator.”



LEE Wang Lok
Year 4 Student of Bachelor of Education (Honours)
(Primary) – Mathematics*

“My studies in the Bachelor of Education (Honours) (Primary) - Mathematics programme at The Education University of Hong Kong have been immensely rewarding in preparing me for my aspiration to become a primary school teacher. The programme provides invaluable opportunities for practical exposure through school visits and lesson observations, offering deep insights into contemporary pedagogical trends and curriculum development that are not readily accessible elsewhere.

Furthermore, the curriculum is exceptionally current, aligning closely with the Hong Kong Education Bureau's latest initiatives, such as the integration of STEAM and AI into mathematics. This focus ensures that we are well-equipped with relevant, cutting-edge teaching skills, enhancing our future competitiveness. Most importantly, the guidance from experienced professors, who share their rich, practical classroom experiences, has been instrumental. Their advice has provided me with a profound understanding of effective classroom management and problem-solving that transcends theoretical knowledge, preparing me thoroughly for the realities of teaching.”

* Now titled Bachelor of Science (Honours) in Artificial Intelligence and Educational Technology and Bachelor of Education (Honours) (Primary Mathematics).

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