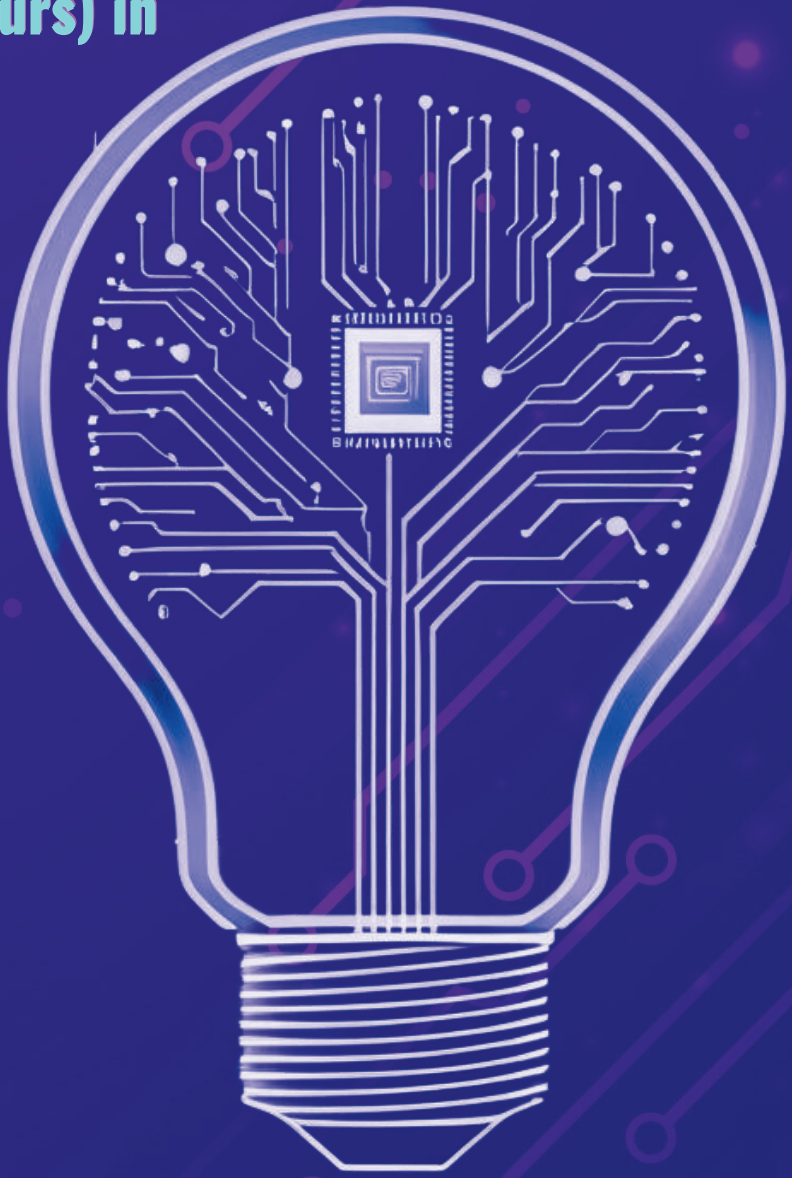
香港教育大學
The Education University of Hong Kong

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 • Major Core • Major Electives • Cross-Faculty Core Course • Living and Working in Our Country • Major Interdisciplinary Course • Internship	33 6 3 3 3 6	15 6 3 / 3 6
Second Major* / Minor(s) / Electives	30	15
General Education	22	6
Language Enhancement	9	0
Final Year Project (Honours Project / Capstone Project)	6	6
Total (Minimum required cps for graduation):	**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
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admission@eduhk.hk

General Enquiries
(852) 2948 7824
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Department website:
www.eduhk.hk/mit

Programme website:
www.apply.eduhk.hk/ug/programmes/aiet

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