

Graduate Profile of Bachelor of Science (Honours) in Artificial Intelligence

Qualification Title	Bachelor of Science (Honours) in Artificial Intelligence 人工智能（榮譽）理學士
Qualification Type	Bachelor Degree
QF Level	Level 5
Primary Area of Study and Training	Computer Science and Information Technology
Sub-area (Primary Area of Study and Training)	Computer Science and Information Technology
Other Area of Study and Training	Not applicable
Sub-area (Other Area of Study and Training)	Not applicable
Programme Objectives	<p>On its completion, the BScAI Programme will enable students to achieve the following Objectives:</p> <ol style="list-style-type: none"> 1. To command a comprehensive and sound foundation in IT and AI in both theory and applications; 2. To evaluate and apply professional knowledge and skills in AI and a wide range of AI methods, approaches and strategies in designing, planning and solving problems; 3. To demonstrate expertise, professionalism and ethical values in evaluating and applying practical skills and knowledge in AI; 4. To make logical and technical judgment and decisions with competence in taking professional roles in AI; 5. To command competence in generic skills including communication skills in English, Chinese (and Putonghua) and academic as well as IT and numeracy competencies for both

	<p>professional and routine operations pertaining to IT and AI;</p> <ol style="list-style-type: none"> 6. To exercise competence, professionalism and interpersonal skills to communicate and collaborate with team members and customers; and 7. To exercise the knowledge and capability in life values and in global environment.
Programme Intended Learning Outcomes	<p>Upon successful completion of the BScAI Programme, students should be able to:</p> <ol style="list-style-type: none"> 1. Apply information technology in different production/service environments; 2. Identify, formulate and solve AI-related problems; 3. Design and execute artificial intelligence systems and methods for different applications; 4. Evaluate and apply AI solutions in different disciplines to both professionals and the general public; 5. Demonstrate high ethical standards when fulfilling personal and professional responsibilities; 6. Communicate and collaborate effectively in English and Chinese with peers, professionals and other stakeholders in formal and informal settings; 7. Apply teamwork skills and work effectively within a team; and 8. Demonstrate broad perceptual and conceptual horizons and knowledge of life and a global perspective.
Education Pathways	Postgraduate degree
Employment Pathways	Data Scientist (AI), Software R&D Engineer (with AI), AI Software Programmer (Trainee), Junior Business Analyst, and Programmer.

<p>Minimum Admission Requirements</p>	<p>Year 1 Standard Entry</p> <p>(a) <u>Hong Kong Diploma of Secondary Education Examination (HKDSE)</u> Have obtained Level 3 in Chinese Language, Level 3 in English Language, Level 2 in Mathematics and Level 2 in Liberal Studies in HKDSE; OR have obtained an equivalent qualification.</p> <p>(b) <u>Hong Kong Advanced Level Examination (HKALE)</u> Have obtained passes in Chinese Language and Culture and Use of English and one additional AL / two ASL subjects in HKALE plus five passes in the Hong Kong Certificate of Education Examination (HKCEE) including Chinese Language and English Language; OR have obtained an equivalent qualification.</p> <p>Year 2 Standard Entry</p> <p>Applicants holding the following qualifications can obtain credit transfer from some Year 1 / Year 2 courses in recognition of their prior learning experience through the granting of advanced standing upon admission, and may typically start their studies at Year 2 of the BScAI Programme: have successfully completed an Associate Degree (AD) / Higher Diploma (HD) programme pitched at QF Level 4 that is approved by the Institute; OR have obtained an equivalent qualification.</p> <p>Year 3 Standard Entry</p> <p>Applicants holding the following qualifications can obtain credit transfer from most Year 1 / Year 2 courses in recognition of their prior learning experience through the granting of advanced standing upon admission, and may typically start their studies at Year 3 of the BScAI Programme: have successfully completed a related (e.g., in Computer Science, Math) Associate Degree (AD) / Higher Diploma (HD) programme pitched at QF Level 4 that is approved by the Institute; OR have obtained an equivalent qualification.</p>
<p>Operator</p>	<p>Caritas Institute of Higher Education 明愛專上學院</p>