THE UNIVERSITY OF HONG KONG

FACULTY OF SCIENCE

Programme Learning Outcomes – Bachelor of Arts and Sciences in Applied Artificial Intelligence

1. **University Educational Aims**

   Benchmarked against the highest international standards, the 4-year undergraduate curriculum at HKU is designed to enable our students to develop their capabilities in:

   (1) pursuit of academic/professional excellence, critical intellectual enquiry and life-long learning
   (2) tackling novel situations and ill-defined problems
   (3) critical self-reflection, greater understanding of others, and upholding personal and professional ethics
   (4) intercultural communication and global citizenship
   (5) communication and collaboration
   (6) leadership and advocacy for the improvement of the human condition

2. **Programme Learning Outcomes – Bachelor of Arts and Sciences in Applied Artificial Intelligence**

   By the end of this programme, students should be able to:

   (1) apprehend the concepts of artificial intelligence and its underlying theory in relation to a broad range of related disciplinary areas

   (2) be proficient with artificial intelligence techniques, and offer effective recommendations for innovative initiatives and solutions

   (3) acquire the necessary critical thinking, creative problem solving and communication skills for effective work and collaboration

   (4) communicate to people effectively and efficiently with professionalism and accuracy

   (5) gain insights into current advances and comprehensive knowledge of artificial intelligence to solve real-life problems

3. Mapping of Programme Learning Outcomes to University Educational Aims

Programme Learning Outcomes - BASc(AppliedAI)	University Educational Aims
By the end of this programme, students should be able to:	Benchmarked against the highest international standards, the 4-year undergraduate curriculum at HKU is designed to enable our students to develop their capabilities in:
(1) apprehend the concepts of artificial intelligence and its underlying theory in relation to a broad range of related disciplinary areas	(1) the pursuit of academic / professional excellence, critical intellectual enquiry and life-long learning
(2) be proficient with artificial intelligence techniques, and offer effective recommendations for innovative initiatives and solutions	(2) Tackling novel situations and ill-defined problems
(3) acquire the necessary critical thinking, creative problem solving and communication skills for effective work and collaboration	(3) critical self-reflection, greater understanding of others, and upholding personal and professional ethics
(5) gain insights into current advances and comprehensive knowledge of artificial intelligence to solve real-life problems	(4) intercultural understanding and global citizenship
(4) communicate to people effectively and efficiently with professionalism and accuracy	(5) communication and collaboration
(3) acquire the necessary critical thinking, creative problem solving and communication skills for effective work and collaboration (5) gain insights into current advances and comprehensive knowledge of artificial intelligence to solve real-life problems	(6) leadership and advocacy for the improvement of the human condition