THE UNIVERSITY OF HONG KONG

Template for Mapping of Programme Learning Outcomes to University Educational Aims – Undergraduate Programmes

School of ___Computing and Data Science_____

Programme title: _____Bachelor of Statistics (with Professional Core in Decision Analytics), Major in Decision Analytics_____

Applicable student cohort(s): _____2025-26 and thereafter_____

The purpose of mapping is to illustrate the coherence of the programme in achieving the University Educational Aims (UEAs).   The mapping should be an evaluative and reflective process, and the Faculty must ensure that the programme as a whole offers students sufficient opportunities to develop the attributes articulated in each of the UEAs and the corresponding Institutional Learning Outcomes.   *Please put a tick (√) in the boxes under the UEA columns below to indicate the alignment, as applicable.*

Programme Learning Outcomes (PLOs) By the end of this programme, students should be able to:	Alignment with University Educational Aims (UEAs)* Benchmarked against the highest international standards, the undergraduate programmes at HKU are designed to enable students to develop capabilities in:					
	UEA1 Pursuit of academic/ professional excellence, critical intellectual inquiry and life-long learning	UEA2 Tackling novel situations and ill-defined problems	UEA3 Critical self-reflection, greater understanding of others, and upholding personal and professional ethics	UEA4 Intercultural communication, and global citizenship	UEA5 Communication and collaboration	UEA6 Leadership and advocacy for the improvement of the human condition
PLO1: apprehend the concepts of decision analytics and its underlying theory in relation to a broad range of related disciplinary academic or professional areas	√			√		
PLO2: identify and adopt appropriate analytical techniques and tools to extract and classify critical information from structured or unstructured data	√	√		√		

PLO3: be proficient with the design and implementation of advanced modelling techniques and database management, and offer effective recommendations for analytic initiatives and solutions	√	√		√		√
PLO4: evaluate the quality of information from different sources in support of critical decision making, process streamlining and the optimization of resources, and appraise the related ethical issues	√	√	√	√		
PLO5: communicate to people effectively and efficiently with professionalism and accuracy using interactive and dynamic tools to translate technical information and present collaborative and strategic ideas				√	√	
PLO6: gain insights into current advances in decision analytics and confidence to solve real-life problems through either project or industrial training	√			√		√

*The Institutional Learning Outcomes for each UEA can be found at tl.hku.hk/tl/.

February 2025