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 Statistics), Major in Statistics_____

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: receive solid training in probability and statistics, gain insight into their underlying theory and be acquainted with their state-of-the-art applications in the modern world	√			√		
PLO2: conduct meticulous data analyses, supported by rigorous statistical reasoning, to make informed decisions in the	√	√	√	√		

face of uncertainty that arises in all sorts of institutions and companies, and appraise the related ethical issues						
PLO3: equip with hands-on experience in data analysis using statistical software, and be competent for data-analytic jobs which require advanced computational skills	√	√				
PLO4: be highly motivated to explore cross-disciplinary applications of statistics in a broad variety of academic or professional areas including, in particular, mathematics, natural sciences, economics, finance, business, risk management, actuarial work, social sciences and engineering	√	√		√		√
PLO5: communicate and collaborate with people effectively on probability and statistical issues				√	√	
PLO6: through the understanding and application of statistical concepts and techniques, gain confidence to meet challenges posed by increasingly complicated real-life problems encountered in the modern era in a creative and rational manner		√		√		√

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

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