THE UNIVERSITY OF HONG KONG

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

Faculty of _____Science (Department of Statistics and Actuarial Science)___

Programme title: _____Master of Statistics_____

Applicable student cohort(s): _____2024-2025_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)	Alignment with University Educational Aims (UEAs)* Benchmarked against the highest international standards, the taught postgraduate programmes at HKU are designed to enable students to develop capabilities in:					
	UEA1 Critical intellectual enquiry and acquiring up-to-date knowledge and research skills in a discipline/ profession	UEA2 Application of knowledge and research skills to practice or theoretical exploration, demonstrating originality and creativity	UEA3 Tackling novel situations and ill-defined problems	UEA4 Collaboration and communication of disciplinary knowledge to specialists and the general public	UEA5 Awareness of and adherence to personal and professional ethics	UEA6 Enhancement of leadership and advocacy skills in a profession *(for professional programmes only)*
PLO1: To acquire advanced knowledge in statistics and practical skills of applying appropriate statistical methods, models and techniques, and develop new knowledge and skills through life-long learning	✓	✓	✓			
PLO2: To equip with hands-on experience in statistical and risk analyses using commercial statistical software and be competent for data-analytic jobs	✓	✓				

which require advanced computational skills						
PLO3: To make informed decisions on complex real-life problems encountered in the data explosion era		✓	✓			
PLO4: To communicate effectively with the layman on statistical issues				✓		
PLO5: To critically evaluate and to make proper use of models and techniques for data analyses and risk management, and to appraise the related ethical issues		✓	✓		✓	
PLO6: To prepare to be confident statisticians for providing professional view on statistical issues		✓	✓	✓		✓

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

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