THE UNIVERSITY OF HONG KONG

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

Faculty of Social Sciences

Programme title: Computational Social Science (Major and Minor)

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)	**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: Mastery of CSS Demonstrate knowledge and mastery of techniques relevant to the disciplines of data analytics and social science; including an ability to demonstrate a sophisticated understanding of concepts, information and techniques	✓					

at the forefront of the disciplines.						
PLO2: Critical learning Appraise the relative strengths and weaknesses of different methodologies in analysing different types of social and cultural data, and apply knowledge in managing the implications of applied research.		✓				
PLO3: Wider knowledge Develop a good understanding of contemporary topics in social science and data analytics and how the global landscape shapes the analysis of large datasets, and non-standard forms of data structure.				✓		
PLO4: Data processing Apply data management, high-level programming and analytical tools and techniques to analyse data describing social and cultural environments, and set appropriate objectives and strategies in complex situations.					✓	
PLO5: Transferable skills Develop transferable professional skills in working with others required for using social science data to form and implement analysis					✓	

strategies, such as thought leadership.						
PLO6: Communication skills Develop and deliver professional quality oral presentations that distil insights from analyses of data from social and cultural perspectives to describe, interpret, and explain the social world.					✓	
PLO7: Ethical practice Access and work with data in an ethical way mindful of the legal complexities and restrictions associated with sensitive data.			✓			
PLO8: Independent skills Demonstrate independent research skills and analytical abilities in the fields of data analytics and social science, along with the ability to develop research ideas and questions and to undertake analysis of data and written presentation of results for practice. [For Major in Computational Social Science only]						✓

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