

THE UNIVERSITY OF HONG KONG

Template for Mapping of Programme Learning Outcomes to University Educational Aims – Taught Postgraduate ProgrammesFaculty of LKS Faculty of MedicineProgramme title: Master of Molecular and Diagnostic PathologyApplicable student cohort(s): 2023-24 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: demonstrate understanding of the basic concepts in genetic pathology and the principles of up-to-date molecular techniques used in molecular diagnostics and research	✓					
• PLO2: appraise the strengths and limitations	✓					

of various molecular techniques and emerging technologies and of common clinical laboratory tests						
• PLO3: explain the importance of management and quality assurance in research and clinical laboratories	√					
• PLO4: select appropriate tests to answer specific research questions and to make a clinical diagnosis		√				
• PLO5: interpret molecular and clinical pathology test results		√				
• PLO6: identify individuals and families who will benefit from genetic testing		√				
• PLO7: devise a laboratory approach to test research hypothesis and to investigate ill-defined and atypical clinical problems			√			
• PLO8: facilitate cooperation and collaboration among scientists, laboratory				√		

technologists and medical doctors in the investigation of human diseases						
• PLO9: communicate clinical test results and provide advice to patients and referring doctors and, if appropriate, counselling to families				√		
• PLO10: apply ethical reasoning in the choice of clinical tests to maximize benefit and minimise harm to patients					√	
• PLO11: indicate the importance of patient confidentiality and rights in genetic testing					√	
• PLO12: assume a leadership role in laboratory test development and in enhancing the quality of the profession of molecular and diagnostic pathology						√

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