**THE UNIVERSITY OF HONG KONG**

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

Faculty of ___Medicine_____

Programme title: ___ Bachelor of Biomedical Sciences _____

Applicable student cohort(s): _____ students admitted in 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: Students should be able to demonstrate solid fundamental knowledge of biomedical sciences and to apply such knowledge for the pursuit of biomedical sciences research. | ✓ | | | | | |

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| PLO2: Students should be able to develop scientific inquiry and critical thinking skills, including the ability to understand, analyze, and evaluate problems and research literature in order to develop solutions. | ✓ | | | | | |
| PLO3: Students should be able to make rational hypotheses about ill-defined biomedical sciences problems and generate novel approaches to tackle such problems based on the best available data and evidence. | | ✓ | | | | |
| PLO4: Students should be able to engage in relevant and realistic self-appraisal as biomedical scientists and realize one's own capabilities and limitations in their own specialties. | | | ✓ | ✓ | | |
| PLO5: Students should be able to develop quantitative skills with an understanding of underlying mathematical, statistical and computational concepts to analyze and solve biomedical problems. | | ✓ | | | | |
| PLO6: Students should be able to communicate and collaborate effectively with scientific peers and healthcare professionals orally and in writing. | | | | ✓ | ✓ | |

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| PLO7: Students should be able to understand the importance of ethics and integrity of specialized fields of biomedical scientific research, respect the roles and contributions of other members of the team and display capacity for teamwork with consideration of cross-cultural perspectives, within a collaborative or interdisciplinary environment. | | | ✓ | ✓ | ✓ | |
| PLO8: Students should be able to participate in the generation, interpretation, application and dissemination of specialized biomedical scientific knowledge which will improve the quality of healthcare. | | | | | ✓ | ✓ |

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

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