

Hong Kong boosts biomedical industry by cultivating interdisciplinary medicine-engineering talent

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A collaboration between PolyU and SYSU to leverage their strong capabilities in clinical medicine and engineering



The Hong Kong Polytechnic University (PolyU) and Sun Yat-sen University (SYSU) have signed a Memorandum of Understanding (MoU) to initiate education and research collaboration in interdisciplinary medicine and engineering.

This partnership aims to jointly cultivate medical professionals, develop new programmes in medical technology, establish joint laboratories, facilitate academic and professional exchanges, and enhance collaborative research outcomes.

By leveraging the strengths of both institutions, the collaboration will promote the novel development in interdisciplinary medicine and engineering, help to alleviate the pressures on Hong Kong's healthcare system, elevate clinical medical research, and support the development of Hong Kong and the Greater Bay Area (GBA) into an international health and medical innovation hub.

The two institutions will focus on exploring educational and research collaboration in interdisciplinary medicine and engineering, including the integration of PolyU's niche disciplines with the clinical medical expertise of the SYSU Zhongshan School of Medicine.

Both institutions plan to jointly offer an eight-year (four plus four) dual bachelor's degree programme in medicine and explore a dual degree professional doctorate programme in medicine and engineering. The initiative aims to cultivate students with expertise in medicine and engineering and to facilitate graduates in obtaining cross-border medical practice qualifications that are recognised in both Hong Kong and Mainland China.