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NTU Singapore refreshes medical school curriculum with new injections in AI and data analytics

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Medical humanities education expanded to train future-ready doctors to be agile



From 2024, students enrolling in the Lee Kong Chian School of Medicine (LKCMedicine) at Nanyang Technological University, Singapore (NTU Singapore) will learn from a refreshed curriculum with more course content related to artificial intelligence (AI) and digital health as these solutions continue to drive healthcare delivery.

The medical school at NTU Singapore will implement more tech-enabled teaching tools throughout its five-year Bachelor of Medicine and Bachelor of Surgery (MBBS) degree programme to help students become doctors who are discerning and confident users of technology.

This tech focus will be balanced out by an expanded scope in medical humanities, which trains medical students to be doctors who are agile and adaptable in navigating uncertainties and difficult situations in their practice, and to deliver compassionate and patient-centred care.

In the new medical humanities curriculum, students will learn concepts, analytical methods and approaches that directly complement and expand upon the biomedical dimensions of clinical knowledge and skill acquisition.

In addition, NTU LKCMedicine will adopt the University Clinical Aptitude Test (UCAT) as part of the school's admissions process, in place of the BioMedical Admissions Test (BMAT), to ensure that students have the personal qualities required for a career in medicine.