

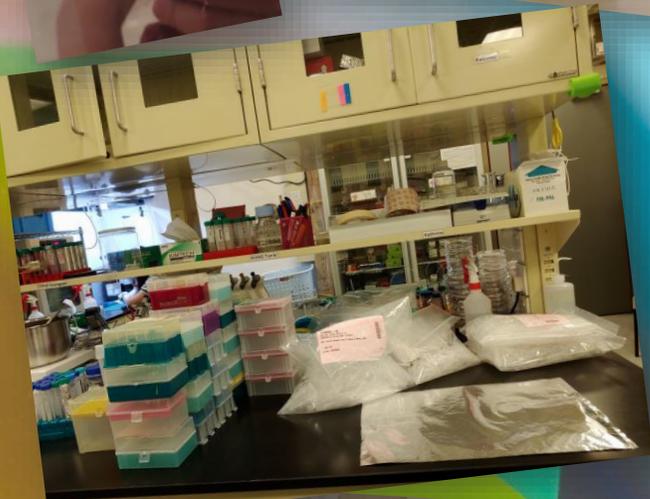


Hok Yee CHOI

BME Undergraduate Student, Year 1

BME programme acts as a bridge between theoretical knowledge and application. When I am studying, I have chances to learn a large variety of basic knowledge, which I think is the strength of this programme. Rather than just specifically studying in one area, as a BME student, I can explore more in science, which can broaden my horizon. This is what I like most of the BME programme.

This programme also values practical skills. We have courses for us to learn about the hospital work. For instance, we have chance to get into the operation room to learn the principles of machines used during surgery. There are also many different programmes offered by BME Department. For instance, in my last year study, I joined the Lab Exposure Programme, which gives us a chance to experience lab work. I've learnt so much in this programme, for example, the daily routine in a lab and the preparation work that is done by lab assistant in high school. BME is such a great programme for those who dream of providing solution to the existing human health problem.



Ricky LEUNG
BME Undergraduate Student, Year 1

I chose CUHK BME as one of the JUPAS choices because BME is a blend of Biology, Engineering and Medicine, and that I love learning about all of them. In CUHK BME, there are many opportunities for students to explore interests, such as internships, lab exposures and site visits. Through these exposures, I could have a taste on different options and decide which one fits me the most. Learned about Engineering Mathematics and human Anatomy and Physiology in the past year, I am certain that the studies would be a solid foundation for future studies, whether it be research or advanced courses. During the practicum in the summer semester, we got to learn about different technologies in a hands-on way. Thanks to the arrangement from the BME Department, despite the remote learning restrictions, we can still interact with the labs via remote setups. This has helped me better understand the different capabilities and limitations of the technologies. Apart from campus learning sessions, the hospital visit made me understand how BME is playing a major role in improving patient care and helping health professional deliver better and more precise treatments. For those who love technology and helping people, CUHK BME is definitely a great choice for you. Can't wait to see you all on campus in the next semester!



Yolanda LAU

2021 BEng (Biomedical Engineering)
graduate

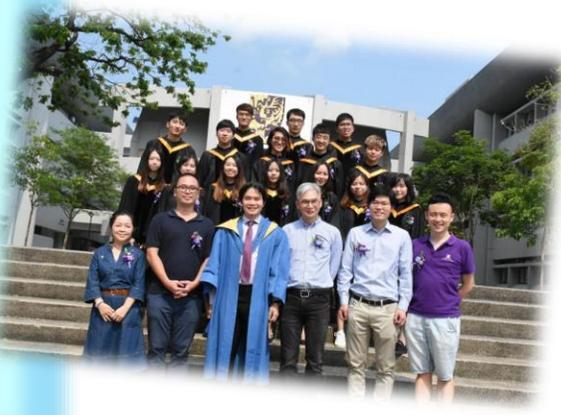
Medicine Degree, University of Nottingham

I've always been passionate about biomedicine, and seeing a surgical robot in an operating theatre stemmed my curiosity about the use of biomedical technologies, which is how my journey in engineering began.

What inspires me most about engineering is its high applicability in other disciplines and the way it intersects with other fields. This is especially the case for biomedical engineering, and CUHK provides dynamic opportunities to explore sub-specialities like biomechanics, nanomedicine, tissue engineering etc. We get a lot of hands-on exposure on top of lectures, such as through laboratory work and hospital training, where I especially enjoyed learning from biomedical engineers at work in a hospital setting.

To me, being a good engineer means being creative and flexible in the face of challenges because solving problems is our pivotal role. The CUHK BME programme has equipped us with a broad knowledge base spanning across topics like anatomy and physiology, biochemistry, physics and math, as well as programming and laboratory skills. I also had the opportunity to do a summer research project on Nanomedicine in my freshmen year. Having these tools and experiences helps us translate technology into real-world solutions.

I'm not alone in having multiple passions across disciplines, and we shouldn't have to narrow ourselves down to one specific field. Meeting like-minded individuals at CUHK has been really refreshing. To this day, the people I've met and the experiences I've had still inspire my work today. I am excited to use all the tools at my disposal to tackle the upcoming problems I'm passionate about.





“The BME programme in CUHK brings up the current trend of biomedical technologies and helps to gain broad insights across business, clinical and engineering. When I was an undergraduate, I have a chance to get in touch with different perspectives of fundamentals. Such fundamentals become my current insight of finding problems in clinical data and enhance our creativity of innovation applications to solve current clinical needs. Apart from the benefits of learning experience, we can also meet a lot of friends and keep staying on our track no matter how far we are apart. For the potential BME students, please don't be afraid of trying something new. A problem can have different ways to solve it and your thoughts in studying biomedical engineering may lead you to have an unexpected results in your life.”

Peter LEE

2017 BEng (Biomedical Engineering) graduate

*Applied Scientist Intern in Microsoft &
Computer Science Ph.D Student, Vanderbilt University
(Medical Image Analysis with AI)*