



# Fiona LAM

BME Undergraduate Student, Year 1

When I first started university, I was lost and found it difficult to envision my university life. Our department's introduction course in the first semester helps a lot as we have the chance to learn about each professor's field of study. This tailor-made course for BME freshman allows me to explore what stream I would like to pursue and provides chances for interaction among students and professors.

Another course that I found helpful in my first year is our summer practical training. We have the chance to visit different departments in hospital and see how BME is applied in real-life settings. Seeing how devices support hospital service and enhance patient's quality of life motivated me to continue my study.

Through this program, I am grateful to have made friends whom I can have fun and study with. I am glad to say I have a fantastic first year experience in BME and feel motivated towards the next few years of study.



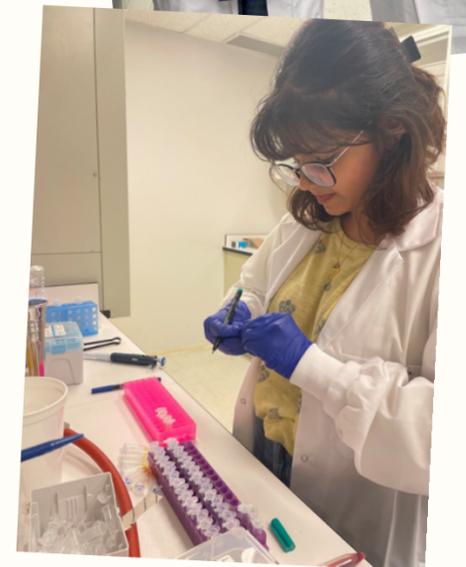


# Diya MISHRA

BME Undergraduate Student, Year 3

CUHK's multidisciplinary BME program is centered on an all-rounded development for their students. The initial years allow students to build up a strong fundamental understanding of the entire field, allowing students to explore and figure out their personal interests. In the last few years, through the opportunity of specializing in one of three available streams, students can focus more on their interests.

One of my main takeaways as an engineering student, is the significance of practical experience. Projects, internships, and other various opportunities are what have allowed me to uncover where my interests lie. What has impressed me the most is the department's commitment to assisting students get that pivotal experience for the development of our critical skills as an engineer. The department closely works with professors and students to provide various stages of training for us, including but not limited to on-campus lab assisting opportunities, overseas summer internships, or even a workstudy program.



# Patrick SZE

## BME Undergraduate Final Year Student

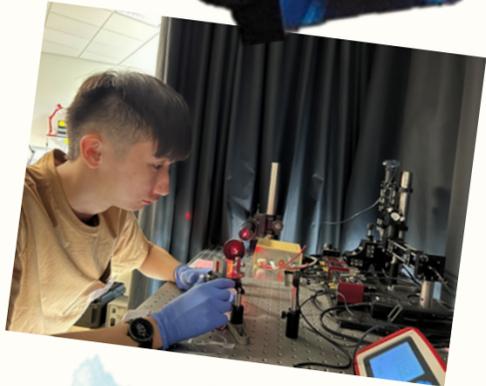
The BME program is all about using engineering principles and techniques to solve real-world problems. As CUHK BME students, we're strong and equipped with everything an engineer might need. From studying biology, mathematics, physics, and medical knowledge to gaining lab experience and programming skills, we're well-prepared for the exciting challenges that lie ahead!

In BME, we get to work on a variety of projects with professionals from different disciplines. By applying engineering in the medical field, we can even create our own biosensor! We also get to learn more about medical devices, from their working principles to device regulations. CUHK BME has a strong research focus, with cutting-edge projects that have real-world applications. My final year project involves developing a wearable biosensor as well! We're always given opportunities to participate in research projects and gain hands-on experience in the field.

Despite the challenges brought on by COVID and online learning, my university life has been incredibly fulfilling. Last summer, I had the amazing opportunity to participate in a three-month research internship at the University of Technology of Troyes in France. It was an unforgettable experience to work in the French National Standard research lab, surrounded by experts in optics and quantum mechanics!

There are many career opportunities available to you as a BME student. You can work in hospitals to manage and perform maintenance on medical devices, or you can work in medical device companies as a service engineer. Your university life is the perfect time to explore your interests and discover your future career path. With so many internships and exchange opportunities available at CUHK, the sky's the limit!

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# Anson LI

## BME Undergraduate Final Year Student

Biomedical Engineering is a challenging yet rewarding program. The program nurtures students with interdisciplinary knowledge from natural sciences to artificial intelligence. The structure of the program allows students to explore their interest in the medical field. Through various experiments as well as projects, students can understand the principles behind innovation, equipping themselves with the necessary knowledge for contributing to the medical field.

Throughout my undergraduate career, not only was I able to learn fundamentals of medical innovation, but I could also exchange my ideas with students in disparate backgrounds. In summer 2022, I was given a chance for an exchange in Nanyang Technological University in Singapore. Studying the course Bioprinting: Principles and Applications, I could discuss the potential application of latest technology on tissue engineering with students coming all over the world. The experience is definitely invaluable.

My journey in Biomedical Engineering has been fruitful. By studying Biomedical Engineering, you can make contribution to the medical field with innovation. Join us now!

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