



Biomedical engineering is an interdisciplinary study in which biomedical and engineering sciences are applied innovatively to solve health and medical problems for the benefit of humankind. Our Biomedical Engineering Programme is jointly organized by the Faculty of Engineering and Faculty of Medicine. Around 25% of the course content is on human biology and medicine and will be offered by the Faculty of Medicine. 75% of the course content is provided by the Faculty of Engineering on computer programming, robotics, electronic engineering, etc.. This programme emphasizes on combining the two disciplines by applying engineering technologies to biomedicine.

“BME program in CUHK is really a comprehensive program and there are full of opportunities in it,” said LAU Yee Shun Eson, a BME year 1 undergraduate student. “Major and elective courses provided by the Department of Biomedical Engineering cover a wide range of subjects from the latest field of biomedical engineering to the increasingly important AI technology. The constant communication between department and students through town hall meetings in each semester ensures this BME program meets the expectation of students as well as the proficiency required. Faculty of Medicine provides a lot of help to this program including major courses taught by professors from the School of Biomedical Science and hospital visiting organized by the Faculty of Medicine. The Department of Biomedical Engineering also cooperates with different universities in the world to provides oversea research internship opportunities, exchange opportunities etc.”

Our BME students have been outstanding by winning various awards locally and internationally. Here is the list of selected awards during the last three years.

#### **Award List**

<b>Awardees</b>	<b>BME Programme</b>	<b>Details of Competition / Event</b>	<b>Details of Prizes / Awards</b>
<b>2019</b>			
CHEN Xiaoyu	PG	5th Hong Kong University Student Innovation and Entrepreneurship Competition	Second-class (Innovation)
WEI Yuanyuan & KUO Hsu Ting	UG & PG	5th Hong Kong University Student Innovation and Entrepreneurship	Merit(Innovation)
LOU Kuan Wen	PG	5th Hong Kong University Student Innovation and Entrepreneurship Competition	Merit (Innovation)
XU Xiayi	PG	5th Hong Kong University Student Innovation and Entrepreneurship Competition	First-class (Entrepreneurship)
CHAN In Lam Tina	UG	ASM Technology Award 2019	Bronze Award
<b>2018</b>			
HON Son OOI	UG	HK X-Tech FYP+	1/50 being selected
IAM Wai Yin Kelvin & LI Cheuk Man Chapmann	UG	Group Sense Innovation and Enterprise Competition	2nd Runner-up
HON Son OOI	UG	Challenge Cup 2018 - Hong Kong Regional Final	Innovation Award and Second-class Award (Life Science)

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CHIU Wai On, FOK Chi Hong, LAM Hon Sum	UG	Challenge Cup 2018 - Hong Kong Regional Final	Merit Award (Life Science)
IAM Wai Yin, LI Cheuk Man, Chapmann	UG	Challenge Cup 2018 - Hong Kong Regional Final	First-class Award in Entrepreneurship Proposal
BAO Shichun, WANG Xin & FANG Yuqi	PG	The IEEE EMBS 2018 Brain-Computer Interface (BCI) HACKATHON in Honolulu	First place
HEUNG Ho Lam, TANG Zhi Qiang, HO Chun Man & TUNG Lok Him	PG	EMedic Global 2018	Silver Award
Mr Liang Fengyan	PG	IEEE International Conference on Robotics and Biominmetics (IEEE ROBIO 2018)	Finalist for Best Conference Paper
CHAN Nga Yan & PANG Cheuk Him from BME	UG	International Genetically Engineered Machine (iGEM) 2018 Giant Jamboree in Boston, USA	Gold Medal
<b>2017</b>			
AU Chun Ki Franklin & IAM Wai Yin	UG	HKSTPC TechnoPreneur	Golden Award
CHENG Hiu Yee	UG	Professor Charles K. Kao Student Creativity Awards 2017	Champion
YIP Hang Man	UG	Professor Charles K. Kao Student Creativity Awards 2017	First Runner-up
CHAN Ka Ian	UG	Professor Charles K. Kao Student Creativity Awards 2017	Second Runner-up
GAO Fei	PG	Professor Charles K. Kao Student Creativity Awards 2017	Champion
CHENG Truman & LI Pui Ling	PG	Professor Charles K. Kao Student Creativity Awards 2017	First Runner-up
FENG Qian	PG	Professor Charles K. Kao Student Creativity Awards 2017	Second Runner-up
OOI Hon Son	UG	Undergraduate session of Young Professionals Exhibition & Competition (YPEC) 2017	First Runner-up
OOI Hon Son	UG	ASM Technology Award 2017	Silver Award
LIANG, Fengyan	PG	Challenge Cup National Competition 2017	Second Prize (Category: Innovation)
PAN Tianle, ZHUANG Zhuoli, MA Zhiyao & HEUNG Ho Lam	UG & PG	Challenge Cup National Competition 2017	Third Prize (Category: Innovation)
YEUNG Ka Yee	UG	HKEIA Innovation & Technology Project Competition Award 2017	Merit
CHIU Wai On	UG	International Genetically Engineered Machine (iGEM) 2017 Giant Jamboree	Gold Medal