



Department of
Biomedical Engineering

The Chinese University of Hong Kong

BEng (Hons) in Biomedical Engineering

Academic Counselling 2023

15 August 2023

Prof. Aaron Ho
Professor and Chairman
Department of Biomedical Engineering

<http://www.bme.cuhk.edu.hk/new/files/undergraduatestd/AcademicCounselling2023.pdf>



*BME Website => Students =>
Undergraduate Students =>
Academic Counselling => AUG 2023*



<http://www.bme.cuhk.edu.hk>



BMEDEPT



CUHK Biomedical Engineering



CUHK Biomedical Engineering

Biomedical Engineering ranks **global TOP 13** in 2022 subject ranking of Academic Ranking of World Universities (ARWU)



Global Ranking
13th

Hong Kong Ranking
1st

Among all CUHK disciplines
1st

中大9學科打入全球排名50強 4科為全港之最



中大有9個學科打入軟科世界一流學科排名50強。

Year	2017	2018	2019	2020	2021	2022
Global ranking	101-150	101-150	51-75	33	18	13
Hong Kong ranking	3	3	2	2	1	1

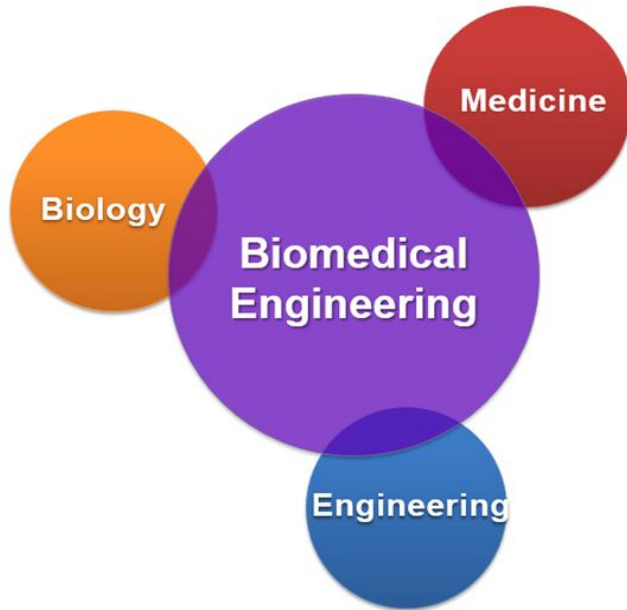
【on.cc東網 21/7/2022】

香港中文大學在2022年軟科世界一流學科排名中，有9個學科打入全球50強。今年中大最高排名的學科為生物醫學工程，於全球排列第13位，較去年上升5位之餘，亦是全港排名首位。

<https://www.shanghai ranking.com/rankings/gras/2022/RS0208>

https://hk.on.cc/hk/bkn/cnt/news/20220721/bkn-20220721201742324-0721_00822_001.html

Biomedical Engineering (BME)



CUHK-BME's Motto

EXPLORE 探索
CARE 關懷
INNOVATE 創新

- An interdisciplinary division offered by the **Faculty of Engineering** in close collaboration with the **Faculty of Medicine**
- Both basic and applied research
- Wide access to courses offered by different divisions
- Tailor-made learning programmes
- Individualized PhD candidacy examination

Academic Advisors in BME



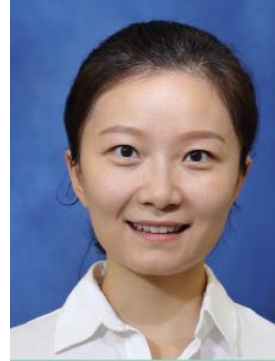
Prof. Aaron HO
Professor & Chairman



Prof. Charles CHANG
Assistant Professor



Prof. Jonathan CHOI
Associate Professor



Prof. Liting DUAN
Assistant Professor



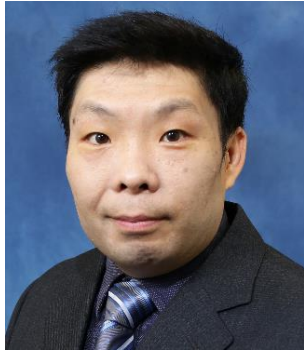
Prof. Zhaoli GAO
Assistant Professor



Prof. Megan HO
Associate Professor



Prof. Alan LI
Assistant Professor



Prof. Martin MAK
Associate Professor



Prof. Raymond TONG
Professor



Prof. Scott YUAN
Assistant Professor



Prof. Renjie ZHOU
Associate Professor



Dr. Wutao LOU
Lecturer

BME Student Ambassadors 2023-24

Name	Admission Channel	Year of Study	Gender	Contact
SIU Man Hei Connie	JUPAS	Year 4	F	1155142488@link.cuhk.edu.hk
WANG Shih-Yu Yolanda	International	Year 4	F	1155156744@link.cuhk.edu.hk
WONG Chee Ching CC	Non-JUPAS Local	Year 4	F	1155155836@link.cuhk.edu.hk
CHANTAWANNAKUL Jarinyagon	International	Year 3	F	1155161428@link.cuhk.edu.hk
KANNAPPAN Kannammai	Non-JUPAS Local	Year 3	F	1155163190@link.cuhk.edu.hk
HUQ Mohammad Tahmid UI	International	Year 3	M	1155165056@link.cuhk.edu.hk
LEUNG Chung Ki Ricky	JUPAS	Year 3	M	1155175455@link.cuhk.edu.hk
LEE Tsz Yeung	JUPAS	Year 2	M	1155193424@link.cuhk.edu.hk
LI Wai Kwan Tommy	JUPAS	Year 2	M	1155194369@link.cuhk.edu.hk
Michelle LEE	International	Year 2	F	1155179462@link.cuhk.edu.hk



Connie Yolanda CC Jarinyagon Kannammai Tahmid Ricky Tsz Yeung Tommy Michelle

How to get Study Pattern?

- Access BME website <http://www.bme.cuhk.edu.hk/>
- Click “Students” > “Undergraduate Students”
> Study Scheme > **Your Admission Year**

STUDY SCHEME	
YEAR 2023-2024	Applicable to students admitted in 2023-24 - download link
YEAR 2022-2023	Applicable to students admitted in 2022-23 - download link
YEAR 2021-2022	Applicable to students admitted in 2021-22 - download link
YEAR 2020-2021	Applicable to students admitted in 2020-21 - download link

Academic Advisor


██████████ ID: ██████████ 

[student center](#) [general info](#) [academics](#) [admissions](#) [financial aid](#)

██████████ Student Center

Academics

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[Enrollment Dates](#)
[Open Enrollment Dates](#)

Advisor
Program Advisor
Professor TONG Kai Yu
[details](#)

This Week's Schedule

	Class	Schedule
	BMEG 2001-- LEC (4896)	Mo 1:30PM - 2:15PM Y.C. Liang Hall 103
	BMEG 2210-- LEC (7344)	We 10:30AM - 11:15AM Institute of Chin Studies L1 Tu 4:30PM - 6:15PM William M W Mong Eng Bldg 407
	BMEG 2210--T01 TUT (7377)	We 11:30AM - 12:15PM Institute of Chin Studies L1
	CHEM 1380-B LEC (7507)	Tu 1:30PM - 2:15PM Science Centre L1 Th 3:30PM - 5:15PM Science Centre L1
	CHEM 1380-BT01 TUT (7508)	Tu 2:30PM - 3:15PM Science Centre L1
	CHLT 1200-GH LEC (4181)	Th 12:30PM - 3:15PM Y.C. Liang Hall G03

Check CUSIS to find out who is your academic advisor (will be ready in early September)

You are advised to meet your Academic Advisor at least once per semester!

Should you have any doubts or need any academic guidance before the semester starts, please feel free to contact us at (+852) 3943 1935 or bmeinfo@cuhk.edu.hk

BME Curriculum Structure

University Core Requirements#	
	<u>Units</u>
Chinese Language	5
English Language	8
University GE	7
College GE	6
Foundation GE Courses	6
Understanding China	1
Hong Kong in the Wider Constitutional Order	1
IT	3
PE	2
Total:	39

Major Programme Requirements	
	<u>Units</u>
Faculty Package	9
Foundation Courses	12
Major Required Courses	33
Research Component Courses	6
Major Elective Courses	15
Total:	75

Free Electives: 9

Minimum Units for Graduation: **123**

For details of University Core, please visit: <http://www.res.cuhk.edu.hk/en-gb/undergraduate-students/information-for-year-1-students/information-on-university-core-requirements-and-exemption>

Student Handbook: http://rgsntl.rgs.cuhk.edu.hk/aqs_prd_aplx

Recommended Study Pattern: Year 1

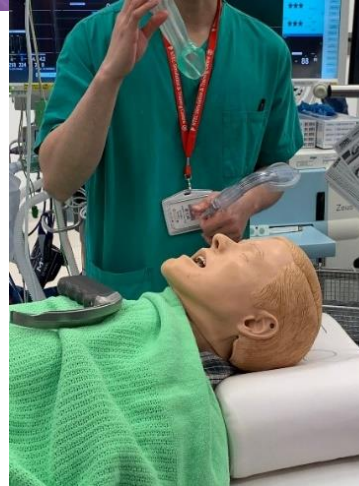
	Units	Pre-assigned
<u>Year 1 - Term 1</u>		
<ul style="list-style-type: none"> BMEG2001 Introduction to Biomedical Engineering CHEM1280 Intro to Org Chm & Biomolecule/ CHEM1380 Basic Chemistry for Engineers/ LSCI1001 Basic Concepts in Biological Sciences/ LSCI1003 Life Sciences for Engineers MATH1510 Calculus for Engineers PHYS1110 Engineering Physics: Mechanics and Thermodynamics SBMS1431 Human Anatomy and Physiology I 	<p>1</p> <p>0-3</p> <p>3</p> <p>3</p> <p>2</p>	<p>✓</p> <p></p> <p>✓</p> <p>✓</p> <p>✓</p>
<u>Year 1 - Term 2</u>		
<ul style="list-style-type: none"> ENGG1120 Linear Algebra for Engineers ENGG1130 Multivariable Calculus for Engineers CHEM1280 /CHEM1380 /LSCI1001 /LSCI1003 (if not taken in Term 1 and depends on the course offering term) SBMS1432 Human Anatomy and Physiology II 	<p>3</p> <p>3</p> <p>0-3</p> <p>2</p>	<p>✓</p> <p>✓</p> <p>✓</p> <p>✓</p>
<u>Year 1 - Summer (4 weeks)</u>		
<ul style="list-style-type: none"> BMEG2602 Hospital Experience and Engineering Practicum (Summer Practical Training) (*please reserve your time & take it in year-1 summer!!!) 	<p>1</p>	<p>✓</p>

For Year 1 students, all required courses will be pre-assigned to you except CHEM & LSCI courses (unless there is time clash due to re-take of foundation courses)

BME Practical Training

BMEG2602 Hospital Experience and Engineering Practicum (Year 1 Summer)

- Four-week professional and practical summer training on CUHK main campus and at Prince of Wales Hospital (PWH) and CUHK Medical Centre (CUMC) for Year 1 students
- **In-house Training involves:**
 - Electronic Circuit Design, Simulation, Fabrication, Interfacing with Software, Data Acquisition, and Wireless Communication etc.
- **Hospital Training involves:**
 - Daily operation, information flow and logistics in the clinic
 - Fundamentals and basic operation of medical instruments



Recommended Study Pattern: Year 2

	Units	Pre-assigned
<u>Year 2 - Term 1</u>		
• ENGG1110 Problem Solving By Programming	3	✓
• BMEG2210 Orthopaedic Biomechanics and Musculoskeletal Injury	3	✓
• BMEG2410 Complex Analysis and Differential Equations	3	✓
<u>Year 2 - Term 2</u>		
• BMEG2012 Biomedical Engineering Laboratory	2	✓
• BMEG2300 Circuits and Signals for Biomedical Engineering	3	✓
• ENGG1310 Engineering Physics: Electromagnetics, Optics and Modern Physics	3	✓
• SBMS1440 Cell and Molecular Biology in Biomedical Engineering	2	✓
• STAT3210 Statistical Techniques in Life Sciences	3	✓

For Year 2 students, all required courses will be pre-assigned to you (unless there is time clash due to re-take of foundation courses)

Recommended Study Pattern: Year 3-4

	Units	Pre-assigned
<u>Year 3 - Term 1</u> Major required: (1) BMEG3430 Biomaterials and Tissue Engineering (2) BMEG3111 Medical Instrumentation and Design (3) BMEG3320 Biomedical Imaging Major Elective: 1 course	8 3	
<u>Year 3 - Term 2</u> Major required: BMEG4010 Global Medical Device Regulatory Affairs Major Elective: 2 courses	3 6	
Year 4: Work-Study for students who want to receive industrial training Note: Students who have completed a structured training programme are qualify for consideration of ENGG1820 Engineering Internship (1 unit)		
<u>Year 4 - Term 1 (or Year 5 for workstudy)</u> Major required: BMEG4998 Final Year Project I Major Elective: 1 course	3 3	✓
<u>Year 4 - Term 2</u> Major required: BMEG4999 Final Year Project II Major Elective: 1 course	3 3	✓

Please discuss with your Academic Advisor if necessary

Stream Specialization

Students may choose not to specialize in any stream or **to specialize in one of the three streams and complete a minimum of 12 units of courses**, at most one elective at 2000 or below level, **plus BMEG4998 and 4999[e]**, prescribed by the stream

Medical Instrumentation & Biosensors (MIB)

BMEG 3103 Big Data in HealthCare	BMEG3130 TeleMedicine & Mobile Healthcare	BMEG3210 Biofluids	CSCI course(s) * Students are allowed to take a maximum of 3 units of CSCI course(s) at 1000 or above level
BMEG3330 Neuroengineering	BMEG3420 Medical Robotics	BMEG3440 Global Engineering Medical Innovation	
BMEG4220 Wearable Biomedical Devices and IoT in Healthcare	BMEG4330 Advanced Imaging and Spectroscopy Techniques in Biomedicine	BMEG4410 BioMEMS	
BMEG4450- Bionanotechnology	BMEG4520 Cardiovascular Engineering	ELEG 3201 Microelectronic Devices and Circuits	

Biomedical Imaging, Informatics & Modeling (MII)

BMEG3102 Bioinformatics	BMEG 3103 Big Data in HealthCare	BMEG 3105 Data Analytics for Personalized Genomics and Precision Medicine	CSCI course(s) * Students are allowed to take a maximum of 3 units of CSCI course(s) at 1000 or above level
BMEG3440 Global Engineering Medical Innovation	BMEG4103 Biomedical Modelling	BMEG4220 Wearable Biomedical Devices and IoT in Healthcare	
BMEG4320 AI & Imaging for Biomedical Engineering	BMEG4330 Advanced Imaging and Spectroscopy Techniques in Biomedicine	BMEG4520 Cardiovascular Engineering	

Molecular, Cell & Tissue Engineering (BCTE)

BMEG 3105 Data Analytics for Personalized Genomics and Precision Medicine	BMEG3140 Molecular and Cellular Engineering Laboratory	BMEG3210 Biofluids	CSCI course(s) * Students are allowed to take a maximum of 3 units of CSCI course(s) at 1000 or above level
BMEG3440 Global Engineering Medical Innovation	BMEG4410 BioMEMS	BMEG4450 Bionanotechnology	
BMEG4510 Biomolecular Engineering	BMEG4520 Cardiovascular Engineering	BMEG4530 Musculoskeletal Tissue Engineering	
MBTE4320 Genetic Engineering			

Course Registration for 1st term courses - CUSIS

- Register your courses through CUSIS during your allotted timeslot on 29 August 2023 (*10:00am - 10:00pm)
- For details of University Core, please visit RES website: <http://www.res.cuhk.edu.hk/en-gb/undergraduate-students/information-for-year-1-students/information-on-university-core-requirements-and-exemption/university-core-requirements-for-year-1-students>

** Login time is from 10:00 a.m. for new students admitted with Advanced Standing or admitted to senior-year places and those admitted to Medical Year 2 or above. Other students' login time is from 11:00 a.m.*

Add/Drop Courses

Date / Time	Add/Drop
11 September 2023 (8:30pm) - 17 September 2023 (8:30pm)	CUSIS e-Add/Drop

- You are strongly advised to plan and select courses very carefully
- You should give priority to **Pre-assigned** courses
- *Minimum* no. of units in a term: **9**
- *Maximum* no. of units in a term: **18**
- Maximum no. of units in *summer term*: **6**
- Maximum no. of units in an academic year: **39** (*summer courses included*)

Note:

*First-year students (excluding senior year entrants) are allowed to take up to **19 units** in each term (2023-24 T1 & T2). The maximum no. of units in an academic year will remain 39.*

Double Degree Option

ERG-BBA

- 1st degree: Bachelor of Engineering (Biomedical Engineering)
 - 2nd degree: Bachelor of Business Administration (Integrated BBA Programme)
 - Collaborated with the Faculty of Business Administration
-
- *Subject to the approval of the two Faculties/Programs concerned*
 - *Must complete at least 30 units of Integrated BBA Programme courses within the normative / minimum study period of 1st degree*
 - *For further information, please refer to the Faculty website at <http://www.erg.cuhk.edu.hk/erg/ergbba>*

Minor Programmes

- Students can take up to two minors programmes
- 18-30 units for each minor programme

For details, please refer to the section "Requirements of Major Programmes and Minor Programmes" under the 4-year normative curriculum of the [Undergraduate Student Handbook](#).

Biomedical Engineering Outstanding Achievement Scholarships

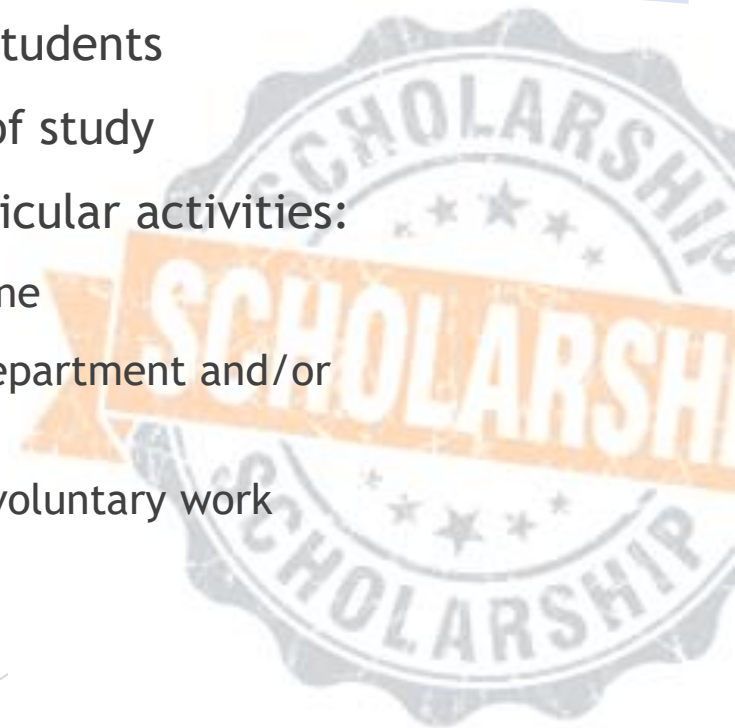
Number of Awards

EIGHT awards, \$10,000 each

Open to students for application in every academic year!
(at the end of the 2nd semester, around June every year)

Eligibility and Award Criteria

- ▶ Year 1 to Year 4 or above BME undergraduate students
- ▶ Year GPA of 3.0 or above in the previous year of study
- ▶ Participated in co-curricular and/or extra-curricular activities:
 - ✓ Awards, especially those related to BME discipline
 - ✓ Community Service, e.g. contribution to BME Department and/or Profession
 - ✓ Other achievement, e.g. sports, competitions, voluntary work
- ▶ Financial needs





BME Outstanding Achievement Scholarship 2022-23

Award Presentation

Name	Year of Study in 2022-23
Michelle LEE <i>(join on ZOOM)</i>	Year 1
HUI Hoi Lam	Year 2
LEUNG Chung Ki Ricky	Year 2
WANG Shih Yu Yolanda	Year 3
CHAN Chi Chau Ben <i>(absent with apologies)</i>	Year 3
LI Ho San	Year 4
NIP Yung Lok Jason	Year 4
SZE Hoi Kuen Patrick <i>(absent with apologies)</i>	Year 4

Number of Award

EIGHT awards of \$10,000 each

Eligibility and Award Criteria

- ✓ Year 1 to Year 4 or above BME undergraduate students
- ✓ Year GPA of 3.0 or above in the previous year of study
- ✓ Participated in co-curricular and/or extra-curricular activities:
 - Awards, especially those related to BME discipline
 - Community Service, e.g. contributions to BME Department and/or Profession
 - Other achievement, e.g. sports, competitions, voluntary work
- ✓ Financial needs

University General Regulations (10.0)

Academic Probation and Discontinuation of Studies

10.1 A student shall be put on academic probation if s/he has obtained a grade point average below 1.5 in the preceding term, unless Regulation 10.4 applies.

10.2 Notwithstanding Regulation 10.1, a student who has obtained a grade point average below 1.0 in a term or who has failed in more than half of the units of courses taken in a term shall be required to discontinue studies in accordance with Regulation 10.4(c), unless s/he has submitted an application in writing to continue studies, and such application has been approved by the Major Programme concerned.

10.3 A student on academic probation shall be required to take a reduced load as prescribed in Regulation 5.2. His/Her performance shall be reviewed at the end of the term in which s/he is put on probation, at which time if s/he has obtained a grade point average of 1.5 or above, probation shall be lifted, otherwise probation shall continue to apply in the next term of attendance unless s/he is required to discontinue studies as prescribed by Regulation 10.4 or s/he has completed all graduation requirements as set out in Regulation 12.1.

10.4 A student shall be required to discontinue studies at the University:

- (a) if his/her grade point average in a term is below 1.0 for two consecutive terms of attendance; or
- (b) if s/he fails in more than half of the units of courses taken in a term for two consecutive terms of attendance; or
- (c) if s/he obtains a grade point average below 1.0 or fails in more than half of the units of courses taken in a term, unless permission to continue studies from the Major Programme concerned is obtained; or
- (d) if s/he still fails to have probation lifted after s/he has been put on academic probation for two consecutive terms of attendance; or
- (e) if, after two attempts, s/he still fails to meet the minimum grade required for specified courses or pass the relevant examinations (if any) as prescribed by his/her Major Programme, unless otherwise decided by the Board of the Faculty to which s/he belongs or s/he is successful in obtaining transfer to another Major Programme in the next term of attendance; or
- (f) if s/he fails to fulfil all requirements for graduation within the years specified in Regulation 3.0 and detailed in the Annex.

10.5 With the exception of Regulation 10.4(e), regulations on academic probation and discontinuation of studies shall not apply to students taking courses in summer sessions.

Important Regulations

Study Period

Normative study period: 4 years

Maximum study period: 6 years

(including any periods of leave of absence and suspension of studies, but excluding any periods of compulsory military service)

Change of Study Period

Participating in approved exchange programs and internship schemes will be allowed

UG Student Handbook: http://rgsntl.rgs.cuhk.edu.hk/aqs_prd_applx

Keep check CUHK Email Account and reply us!

**All important messages will be sent to your CUHK email account.
Please check your CUHK email account regularly!**

When emailing your academic advisor, course instructors or major programme administration, be professional, courteous and clear. Your email should include the following details:

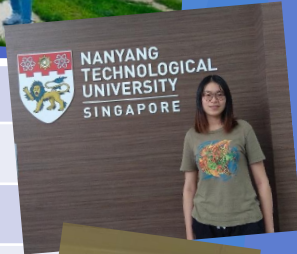
- A subject line to state the purpose of your email
- Your full name
- Student ID
- Course code and name
- Other main information as appropriate

BME Internships Opportunities

Overseas Summer Research Internship (past opportunities)

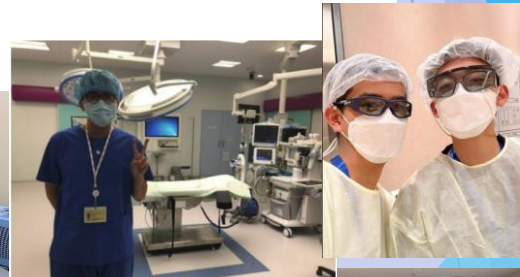
Hosting Institution

Columbia University, US	Imperial College, UK
Michigan State University, US	University of Toronto, Canada
Northwestern University, US	University of Sydney, Australia
University of Pennsylvania, US	National University of Singapore, Singapore
University of Pittsburgh, US	Nanyang Technological University, Singapore
University of California, US	Technika University of Gdańsk, Poland
University of California at San Diego, US	Chang Gung University, Taiwan
University of California at Irvine, US	Korea Institute of Science & Technology, South Korea
University of Illinois at Urbana-Champaign, US	



Other past summer BME internship opportunities include:

- **Public sector:** EMSD, HKPC
- **Medical sector:** PWH, HA, local private hospitals (e.g. Hong Kong Adventist Hospital-Tsuen Wan & Stubbs Road, Gleneagles Hospital, St. Paul Hospital etc.), Johnson & Johnson Medical Devices, Stryker, Celki Medical etc.
- **Academic sector:** CAS SIAT, HKSTP, Professors' lab



Overseas Exchange



Stony Brook University



THE UNIVERSITY OF
WESTERN
AUSTRALIA



THE UNIVERSITY OF
TENNESSEE
KNOXVILLE



ILLINOIS
UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN



Universitat
Pompeu Fabra
Barcelona



NUS
National University
of Singapore



SAN DIEGO STATE
UNIVERSITY



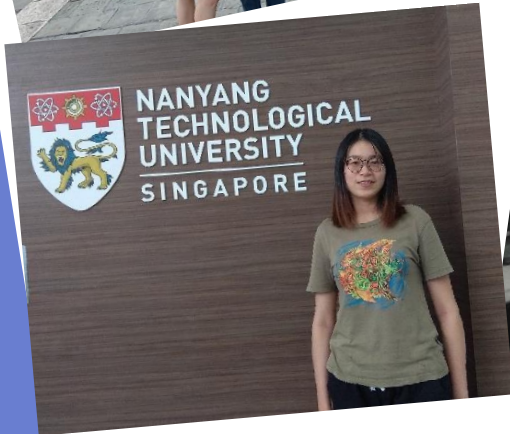
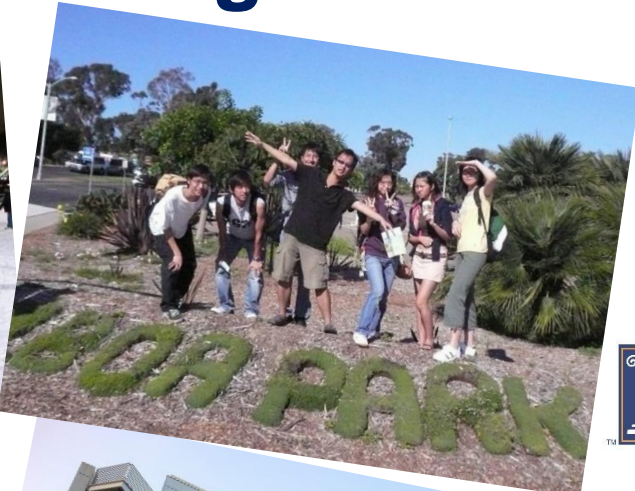
KIT
Karlsruher Institut für Technologie



NANYANG
TECHNOLOGICAL
UNIVERSITY
SINGAPORE



uOttawa



BME Activities 2021-22 & 2022-23

Career Forum

Alumni Sharing

MRC Lab visit

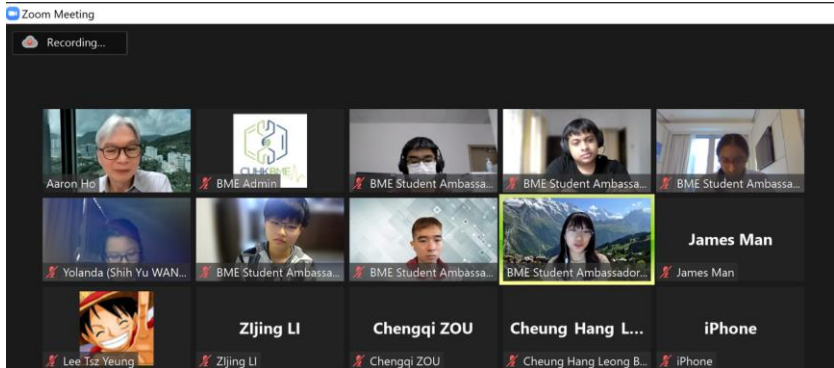


Annual Spring Dinner



BME Activities 2021-22 & 2022-23

Academic Counselling for New Year 1 Students

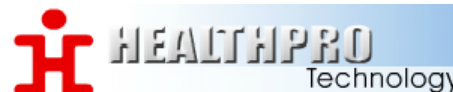


Information Day



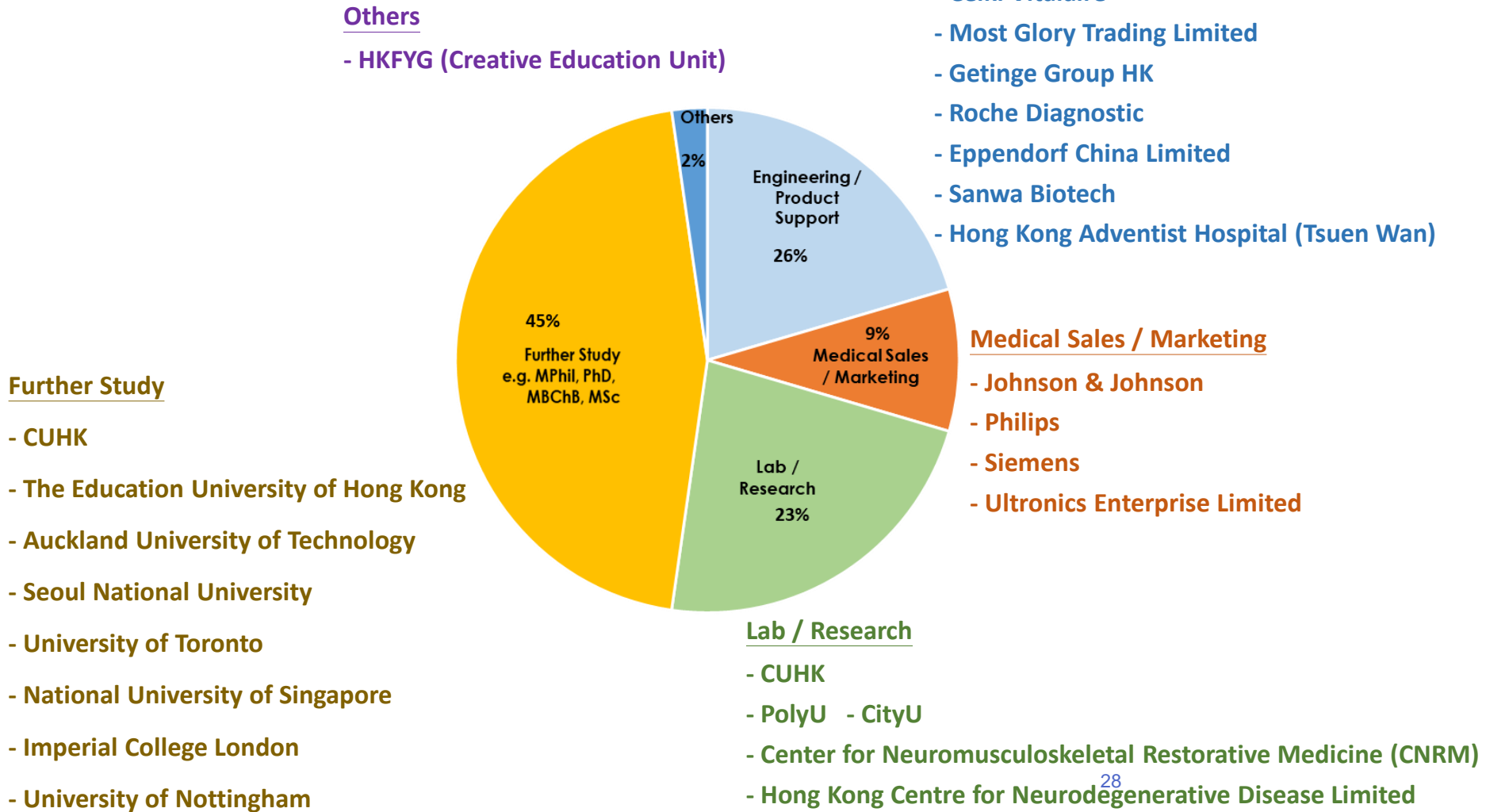
Where do our BME graduates go?

- Manufacturing Industries
- Clinical Engineers in Hospitals
- Entrepreneurs in Biotech Companies
- Regulatory Affairs
- Distribution & Sale
- Testing Laboratories
- Research Scientists & Engineers
- Further Studies (MSc, PhD, MD, MBA, PCLL)



Where do our BME graduates go?

BME Graduates Employment Survey (20,21,22)



Others

- HKFYG (Creative Education Unit)

Engineering / Product Support

- Electrical and Mechanical Services Department
- Celki Vitalaire
- Most Glory Trading Limited
- Getinge Group HK
- Roche Diagnostic
- Eppendorf China Limited
- Sanwa Biotech
- Hong Kong Adventist Hospital (Tsuen Wan)

Medical Sales / Marketing

- Johnson & Johnson
- Philips
- Siemens
- Ultronic Enterprise Limited

Lab / Research

- CUHK
- PolyU - CityU
- Center for Neuromusculoskeletal Restorative Medicine (CNRM)
- Hong Kong Centre for Neurodegenerative Disease Limited

Further Study

- CUHK
- The Education University of Hong Kong
- Auckland University of Technology
- Seoul National University
- University of Toronto
- National University of Singapore
- Imperial College London
- University of Nottingham

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<http://www.bme.cuhk.edu.hk>



[bmedept](#)

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UPCOMING BME ACTIVITIES

EQUIPMENT BOOKING

RECRUITMENT

HKFPS SUMMER WORKSHOP 2022

Global Ranking

13th

Hong Kong Ranking

1st.....

Year	2017	2018	2019	2020	2021	2022
Global ranking	101-150	101-150	51-75	33	18	13
Hong Kong ranking	3	2	2	2	1	1

WELCOME TO
CUHK BIOMEDICAL ENGINEERING
Explore, Innovate and Care



[CUHK Biomedical Engineering](#)



CUHK Biomedical Engineering 香港中文大學 生物醫學工程

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Innovate 創新
Care 關懷
#BME #BiomedicalEngineering #CUHKBME #J54460 #生物醫學工程 #中文大學 #中大
www.bme.cuhk.edu.hk



What is BME?



New

POSTS REELS SAVED TAGGED

2023-24 BME ACADEMIC COUNSELLING SESSION

Tuesday, 15 August 2023 | 4:30pm

For All BME UC New Students!

Room 712, 7/F, William M.W. Mong Engineering Building



Research Grants Council Research Fellow 2023-24

Jonathan CHOI
Associate Professor, Department of Biomedical Engineering, CUHK

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 medical engineering. 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 process behind innovation, meeting challenges with the necessary knowledge and contribution to the medical field.

Through my undergraduate career, not only will I aim to learn fundamental of medical innovation, but I could also enhance my skills with research in different disciplines. In fact, currently, I am pursuing a chance for an exchange in Nanjing, Technological University of China, studying the course "Bioprocess Principles and Applications". I could discuss the practical application of biotech technology in biotech engineering with valuable learning all over the world. The experience is extremely valuable!


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!

Patrick SZE
BME Undergraduate Final Year Student

The BME program is all about using engineering principles and concepts to solve real-world problems. As CUHK BME students, we're trained and equipped with everything an engineer might need: critical thinking, mathematical physics, and medical knowledge. It brings us multidisciplinary skills, which are prepared for the exciting challenges that lie ahead!

There's one challenge though: as the COVID-19 pandemic rages, my university life has been somewhat halting. Last summer, I had the amazing opportunity to participate in a 6-week research internship at the University of Technology of Troyes in France. It was an unforgettable experience for me to get French National Summer Fellowship, supported by experts in optics and quantum mechanics. I learned so much about research skills and even got to meet professors and PhD students from various renowned universities like Oxford University and Imperial College London!

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