



Department of
Biomedical Engineering
The Chinese University of Hong Kong

TOWN HALL MEETING

Make BME Great Together

<http://www.bme.cuhk.edu.hk/new/files/undergraduatestd/TownHallMeeting23Nov2022.pdf>

*(BME Website => Students =>
Undergraduate Students => Town Hall Meeting)*

Prof. Raymond Tong
23 November 2022



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



CUHK Biomedical Engineering



BMEDEPT



CUHK Biomedical Engineering





Regular Town Hall Meeting

- Town Hall meeting will be held every semester to ensure a good communication channel with all students in BME

UG Student Representatives in 2022-23:

Year	Name	Sex	Email
Year 1	WOO Tsz Ching	F	1155191861@link.cuhk.edu.hk
Year 1	ZHAI Xueer Michelle	F	1155174880@link.cuhk.edu.hk
Year 2	LEUNG Chung Ki Ricky	M	1155175455@link.cuhk.edu.hk
Year 2	CHAN Ching Yeung Tom	M	1155176779@link.cuhk.edu.hk
Year 3	MAN Cho Hin Enoch	M	1155147926@link.cuhk.edu.hk
Year 3	SO Chin Ting Brandon	M	1155156676@link.cuhk.edu.hk
Year 4	CHOW Hiu Lok	F	1155143801@link.cuhk.edu.hk
Year 4	WONG Hoi Lam KaKa	F	1155142847@link.cuhk.edu.hk

Key Chain for our BME students

Please approach your class representatives if you have not collected it!



Credits to our BME UG Year 4 Student, **CHAN Yat Hei Thomas**



Agenda

1. BME Outstanding Achievement Scholarship 2021-22 (Award Presentation)
2. Programme Outcome & HKIE Required Outcomes
3. Lab Safety Guideline
4. Summer internship and work-study
5. Stream Preference and Declaration

BME Outstanding Achievement Scholarship 2021-22 (Award Presentation)

Name	Year of Study in 2021-22
CHAN Cheuk Ka	Year 1
CHANTAWANNAKUL Jarinyagon	Year 1
LEUNG Chung Ki Ricky	Year 1
LIU Zhaoyu	Year 3
SIU Man Hei Connie	Year 3
WONG Hoi Lam	Year 3
NG Wing Fai Sofie	Year 4
TSANG Chung Yin Justin	Year 4
LIN Yi Ting Jonathan (Honorary)	Year 3
BAEKOVA Aiana (Honorary)	Year 4
SHYNGYS Moldir (Honorary)	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



Programme Outcome & HKIE Required Outcomes

Programme Outcome

PO 1	an ability to master the required knowledge of mathematics, science, and engineering and apply them appropriately to the BME discipline in general and/or to a specialized BME area
PO 2	an ability to design and conduct experiments, collect data on humans and other biological specimens, and to analyze and interpret data to address health-related issues
PO 3	an ability to design a system, component or process to meet desired needs within realistic constraints, and to develop innovative technologies to serve the healthcare needs of society
PO 4	an ability to identify, formulate and solve engineering problems critically
PO 5	an ability to use the techniques, skills, and modern engineering tools necessary for BME practice
PO 6	an ability to use the computer/IT tools relevant to the BME discipline along with an understanding of their processes and limitations
PO 7	an ability to communicate effectively
PO 8	an ability to demonstrate leadership, to manage projects, and to function on multi-disciplinary teams
PO 9	an ability to understand professional and ethical responsibility, and the impact of engineering solutions in a global and social context, especially the importance of health, safety and environmental considerations to both workers and the general public
PO 10	a readiness to engage in lifelong learning to stay abreast of contemporary issues, and a capacity to acquire new knowledge and skills across disciplinary boundaries

Programme Outcome & HKIE Required Outcomes

Matching between the Programme Outcomes and the HKIE Required Outcomes

HKIE's Graduate Attributes	BME Programme Outcomes
a) an ability to apply knowledge of mathematics, science, and engineering appropriate to the degree discipline	PO1
b) an ability to design and conduct experiments as well as to analyze and interpret data	PO2
c) an ability to design a system, component or process to meet desired needs within realistic constraints, such as economic, environmental, social, political, ethical, health & safety, manufacturability & sustainability	PO3
d) an ability to function on multi-disciplinary teams	PO8
e) an ability to identify, formulate and solve engineering problems	PO4
f) an ability to understand professional and ethical responsibility	PO9
g) an ability to communicate effectively	PO7
h) an ability to understand the impact of engineering solutions in a global and social context, especially the importance of health, safety and environmental considerations to both workers and the general public	PO9
i) an ability to stay abreast of contemporary issues	PO10
j) an ability to recognize the need for, and to engage in lifelong learning	PO10
k) an ability to use the techniques, skills, and modern engineering tools necessary for engineering practice appropriate to the degree discipline	PO5
l) an ability to use the computer/IT tools relevant to the discipline along with an understanding of their processes and limitations	PO6

Lab Safety Guideline

1. General safety

- a) Users shall read and follow the general safety guidance issued by the University Safety Office, and must be trained properly by the respective home department before they are granted access right to the lab.
- b) Experimental processes must be granted with safety approvals by the University Safety Office. Processes without safety approval clearance are banned in the lab.
- c) Upon entering the laboratory, place coats, books, and other paraphernalia in specified locations – never on bench tops.
- d) Wear appropriate clothing while working in laboratory:
 - Goggle (if needed)
 - A full length, fastened lab coat (replace with a new one when in bad condition)
 - Gloves
 - Full length slacks, trousers or jeans. No shorts
 - Shoes with closed toes and heels to protect your feet
 - Tie hair back when too long

Remove protective clothing before leaving for non-laboratory areas, e.g. desk area, washroom, cafeteria, etc.

- e) Never apply cosmetics or handle contact lenses in laboratory.
- f) Do not smoke, eat or drink in the laboratory. These activities are absolutely prohibited. No food is stored in laboratory.
- g) In an emergency, the technician and the fire warden have **TOTAL** authority to evacuate the laboratory. Evacuation orders **MUST** be followed. If the fire alarm is on, unless it is on testing mode, all personnel in the laboratory must evacuate immediately.
- h) Be sensible and be alert at all times. The life you save may be yours.



Lab Safety Guideline

2. Work environment

- a) Keep laboratory door closed to prevent contamination from air currents.
- b) If the equipment is equipped with logbook or booking sheet, fill in before you use the equipment.
- c) Do not use any unfamiliar equipment without the approval of technician.
- d) If you have to leave your experiment unattended, stick a label with name and expected end time to alert others.
- e) Transportation of materials between laboratories should not be done across the desk area. No glove hands on all door handles or switches.
- f) Reagents should be clearly labeled with (i) Name of chemical / reagent, (ii) Concentration, (iii) Name of user, (iv) Date.
- g) At the end of each session:
 - (i) Clean your working area (bench, balance, etc.)
 - (ii) Dispose all trashes to the correct trash bin
 - (iii) Store all personal glassware in your cabinet / designated tray
 - (iv) Return communal materials (equipment, chemical reagents, etc.) to their original position (should be returned clean)
- h) Wash your hands with liquid detergent and dry them with paper towels upon entering and prior to leaving the laboratory.
- i) Report to technician immediately for: (i) spills, (ii) accidental cuts or burns, or (iii) sparks, fire or explosion.



Lab Safety Guideline

3. General chemical safety

- a) Before conducting any experiment with potential hazard, permission should be sought from his / her supervisor. They should double check before ordering any dangerous / toxic chemicals or bio-chemical materials, and ensure that sufficient hazard preventive measures are in place to deal with any emergence. Processes that may lead to safety hazards can only be conducted during the official opening hours.
- b) Processes that may lead to safety hazards can only be conducted during the official opening hours. Processes that will not lead to safety hazards may be conducted outside the official opening hours. However, permission shall be granted by the corresponding supervisor. No work alone is allowed outside the official opening hours. Users with permission shall have an experimental buddy throughout the whole process.
- c) Users must read the MSDS of all chemicals, solvents, and gases carefully before use.
- d) Chemicals must be stored and used as suggested by the MSDS. Users must be trained on how to handle chemical exposure and inhalation.
- e) Any work involving combustibles, volatile organic compounds, toxic gases, airborne particulates and unpleasant odours must be conducted in ventilating hoods.
- f) Chemical and solvent waste must be collected by using the waste bottles provided, and must not go down the drain. Gloves and tissues contaminated with chemicals and solvents shall be disposed into chemical bins with covers. Keep a record to technician if you add in chemical waste to the following container:
 - (i) Sulphuric acid / Hydrogen Peroxide waste,
 - (ii) Nitric Acid / Nitrate waste,
 - (iii) Alkaline waste, or
 - (iv) Organic waste. Disposal of these wastes to drain is strictly prohibited.



Lab Safety Guideline

4. General biological safety

- a) Always use the appropriate pipetting devices.
- b) Bench and Biosafety Cabinet should be tidied and cleaned before and after use.
- c) Materials handling cell culture (e.g. pipette tips, culture plates) should be disposed to the biological waste bin for further treatment. Liquid cultures should be disinfected by 1% sodium hypochlorite for at least 30 minutes before disposing to the sewer.

5. General laser safety

For Classes 1, 1M, 2, 2M, 3R, 3B & 4 laser products

- a) Never view directly into a laser beam.
- b) Never aim a laser beam at a person's eyes.

Additional precautions for Classes 3R, 3B & 4 laser products

- a) Follow the guidelines listed in the operation manuals of laser products.
- b) Wear suitable protective goggles and clothing when operating or servicing medium or high power laser products.
- c) Switch on laser warning signages
- d) Seal laser curtain along the optical table



BME Department's Computer Lab ERB1122



- For BME students ONLY
- **Opening Hours - 8:45am – 5:30pm from Monday to Friday.** The opening hours may be adjusted due to the change of COVID-19 situation.
- Please use your CU Link Card to access the computer lab (use main door ONLY)
- Please use O365 account to login the computer
- Please DO NOT attempt to repair any computer or change the settings. Report all problems related to the system/software/computer to our technician Nelson (email: ptso@cuhk.edu.hk ; tel: 3943 8291)
- Please follow all the “Rules and Regulation” posted on the whiteboard of the computer lab

BME Department's Computer Lab ERB1122

Please set printer driver, check balance of printing service

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

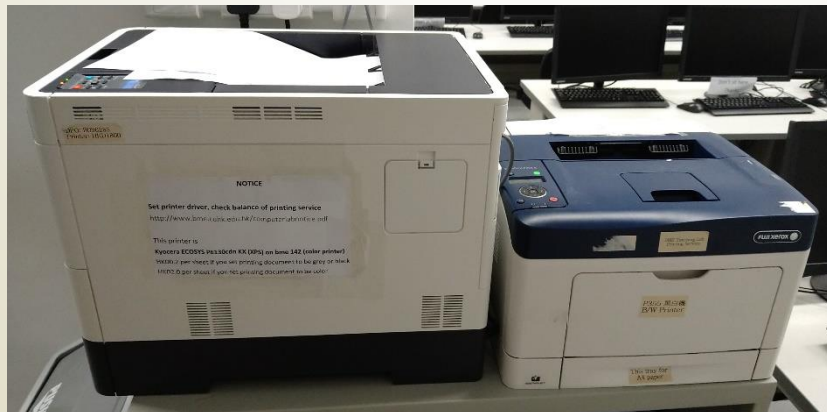
Check availability of computer lab

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

(*If time sessions are booked, you are not allowed to stay at the lab)

Printing service is provided for BME students:

1. HK\$0.2 per sheet with white/black printing (A4)
2. HK\$2 per sheet with colour printing (A4)
3. \$40 free quota per year per student, maximum accumulate to \$80 for each student. For year 1 (new) student, \$40 printing quota will be automatically allocated in your account. For other students, they need to take HKD40 coupon at ERB1102A from 1st semester starting to end of Sept every year.





Summer Internship

1. BME Overseas Research Internship
2. Local Internship
 - Government, Hospitals, Companies
 - Faculty Undergraduate Summer Research Internship (during summer)
 - BME Undergraduate Research Internship (year-long)

1. BME Overseas Summer Research Internship (Summer 2023, 8-10 weeks)

Oversea Institutions:

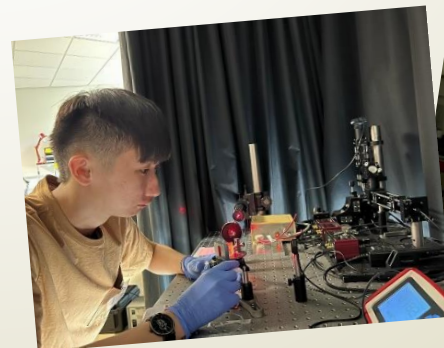
- New Jersey Institute of Technology, USA
- McGill University, Canada
- University of Sydney, Australia
- Monash University, Australia
- Technika University of Gdansk, Poland
- University of Limoges, XLIM Research Institute (CNRS), France
- Nantes Université, France
- Duke-NUS medical school; Singapore Eye Research Institute, Singapore National Eye Centre, Singapore
- National Taiwan University, Taiwan
- Chang Gung University, Taiwan
- National Tsing Hua University, Taiwan

- All information have been uploaded to our Department's website:
http://www.bme.cuhk.edu.hk/new/overseas_internship.php
(Main => Students => Research Internship Programme => Overseas Summer Research Internship Programme)

1. BME Overseas Summer Research Internship (Summer 2023, 8-10 weeks)

- Interested students please complete and submit application to bmeinfo@cuhk.edu.hk on or before 29 November 2022 (next Tuesday)

Application Deadline	: 29 November 2022
Interview by the BME Panel	: 5-6 December 2022
Matching and Nomination to the Hosts	: 7 December 2022 – 7 January 2023
Interview and Decision by the Hosts	: 9-31 January 2023
Official Notification of Acceptance	: Early/Mid-February 2023



2. Local Internship – Government, Hospitals, Companies

Placement & Internship/Workstudy Programme via CINTEC

<https://pip.cintec.cuhk.edu.hk/web/>

Student Employer Recruitment Talks

Placement and Internship Programme (PIP)

The Placement and Internship Programme (PIP) is initiated by the Faculty of Engineering, The Chinese University of Hong Kong and dedicated to connecting engineering students to job opportunities and resources in order to foster their future career development. The PIP also offers a wealth of support to help students receive the latest job market information and updates by organizing career talks, workshops and job fair.

How students may benefit from PIP?



Stay ahead in the job competition by catching up our job advertisement, seminars etc.



Earn valuable working experience before graduation

Students may join the work study programme or engage in internship to learn more about the working environment in



Establish business network with your fellow colleagues

Through engagement in the work study programme or internship lined up by the PIP, students would be able to meet

2. Local Internship – Government, Hospitals, Companies

Placement & Internship/Workstudy Programme via CINTEC

<https://pip.cintec.cuhk.edu.hk/web/>

PIP CUHK Guest

Home / Posted Jobs

Posted Jobs

Q Search All Jobs (Click to Expand)

List out all posted jobs.

Type description: **G: Graduate Employment** **W: Work Study Programme** **S: Summer Internship** **P: Part-time Jobs**

Job ID	Company	Job Title	Type	Deadline	Status	Action
2508	FansWiFi Limited	Sales & Marketing Intern	P	22-11-2022	Posted	🔗
7939	Ernst & Young (EY)	2022 Hong Kong Graduate Program - Staff Accountant/Staff Associate	G	31-12-2022	Posted	🔗
8105	Hong Kong Applied Science and Technology Research Institute (ASTRI)	Top Technology Scholar Programme – Senior Engineer / Engineer	G	31-12-2022	Posted	🔗
8554	Hong Kong Applied Science and Technology Research Institute (ASTRI)	Top Technology Scholar Programme – Senior Engineer / Engineer	G	31-12-2022	Posted	🔗
8569	Honeywell Limited	Field Service Engineer II	G	23-12-2022	Posted	🔗
8570	Honeywell Limited	Field Service Engineer I	G	23-12-2022	Posted	🔗
8571	Honeywell Limited	Field Service Supervisor	G	23-12-2022	Posted	🔗
8572	Honeywell Limited	Senior Field Service Supervisor	G	23-12-2022	Posted	🔗
8573	Honeywell Limited	Systems Engineer I	G	23-12-2022	Posted	🔗
8604	Harmonic Technologies (HK) Limited	Site Reliability Engineer (Graduate)	G	30-11-2022	Posted	🔗
8610	TENCENT	【技术大咖专项】技术研究-机器学习方向	G	30-11-2022	Posted	🔗
8611	TENCENT	技术大咖专项	G	30-11-2022	Posted	🔗
8694	Hong Kong Lotusmind Co. Limited	Algorithm Engineer/ Software Engineer	G	30-11-2022	Posted	🔗
8747	HENNGE	HENNGE's Global Internship Program	S	25-11-2022	Posted	🔗
8754	Sengital Ltd	Electronic Engineer	G	31-12-2022	Posted	🔗
8757	Sengital Ltd	Programmer / Analyst Programmer	G	31-12-2022	Posted	🔗
8758	Sengital Ltd	Project Engineer / Project Officer	G	31-12-2022	Posted	🔗

2. Local Internship – Government, Hospitals, Companies

Placement & Internship Programme via Career Planning and Development Centre (CPDC)

<https://cpdc.osa.cuhk.edu.hk/>



Career Planning and Development Centre
OFFICE OF STUDENT AFFAIRS, THE CHINESE UNIVERSITY OF HONG KONG

CUHK Home ▶ Student Login ▶ | Employer Login ▶

ABOUT CPDC STUDENTS EMPLOYERS ALUMNI AND STAFF WORK WITH US

STEM Internship Scheme

Supported by Innovation and Technology Fund, The Innovation and Technology Commission

LATEST NEWS

ALL NEWS ▶

- Recruitment Event Calendar 22-23
5 September 2022
- Recruit Job Fair (Recruit 招聘進修展)
26 August 2022
- Goldman Sachs - 2023 Summer Analyst and Summer Associate Opportunities
26 August 2022

QUICK LINKS

- Office of Student Affairs
- CU Job Link
- Joint Institutions Job Information System (JJIS)
- Graduate Employment Survey Submission
- Graduate Employment

PHOTO GALLERY

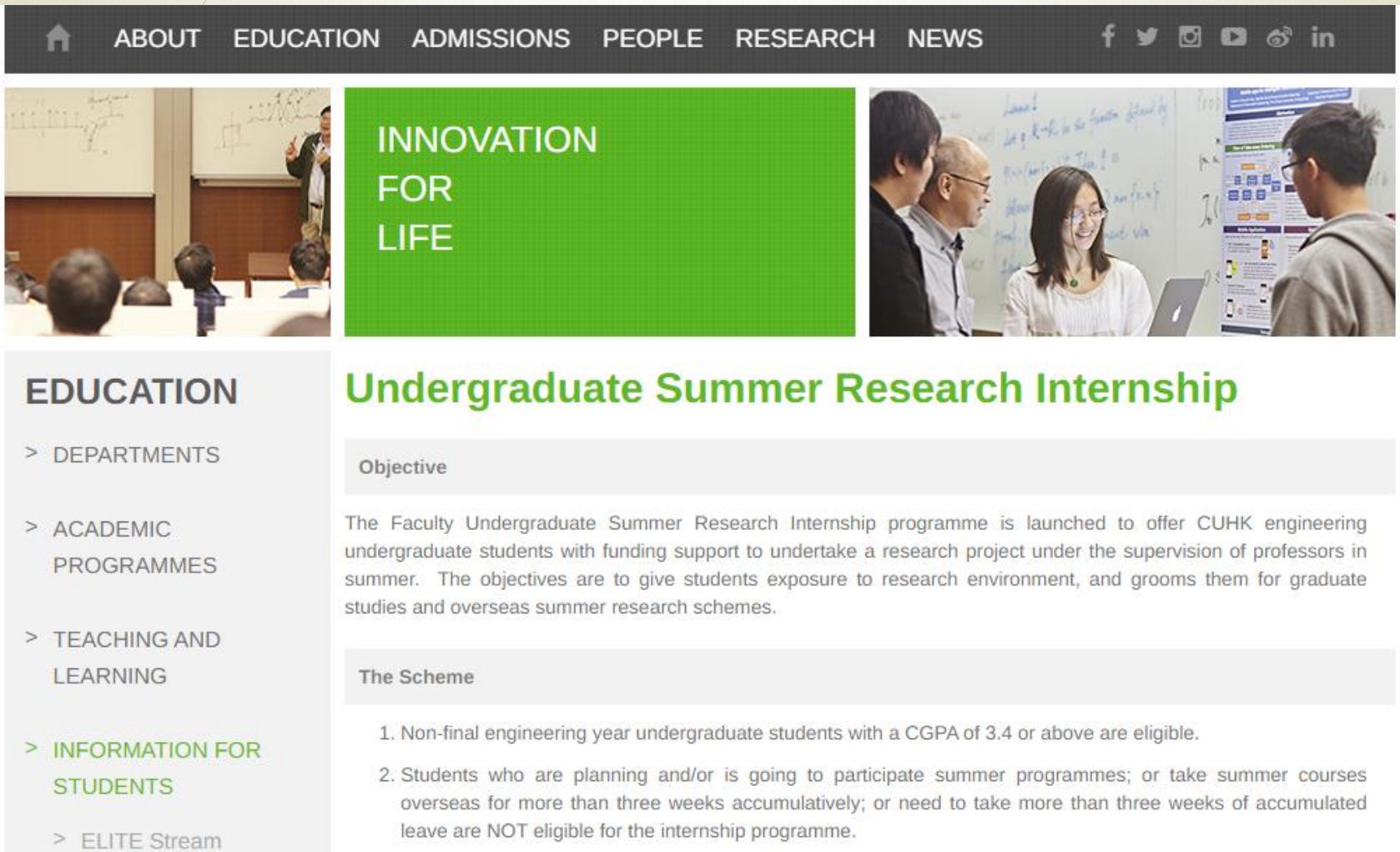


2. Local Internship

Faculty Undergraduate Summer Research Internship

<https://www.erg.cuhk.edu.hk/erg/SummerResearchInternship>

Non-final year undergraduate students with a cumulative GPA of 3.4 or above are eligible to apply.



Home ABOUT EDUCATION ADMISSIONS PEOPLE RESEARCH NEWS f t i y b in

INNOVATION FOR LIFE

Undergraduate Summer Research Internship

Objective

The Faculty Undergraduate Summer Research Internship programme is launched to offer CUHK engineering undergraduate students with funding support to undertake a research project under the supervision of professors in summer. The objectives are to give students exposure to research environment, and grooms them for graduate studies and overseas summer research schemes.

The Scheme

1. Non-final engineering year undergraduate students with a CGPA of 3.4 or above are eligible.
2. Students who are planning and/or is going to participate summer programmes; or take summer courses overseas for more than three weeks accumulatively; or need to take more than three weeks of accumulated leave are NOT eligible for the internship programme.

EDUCATION

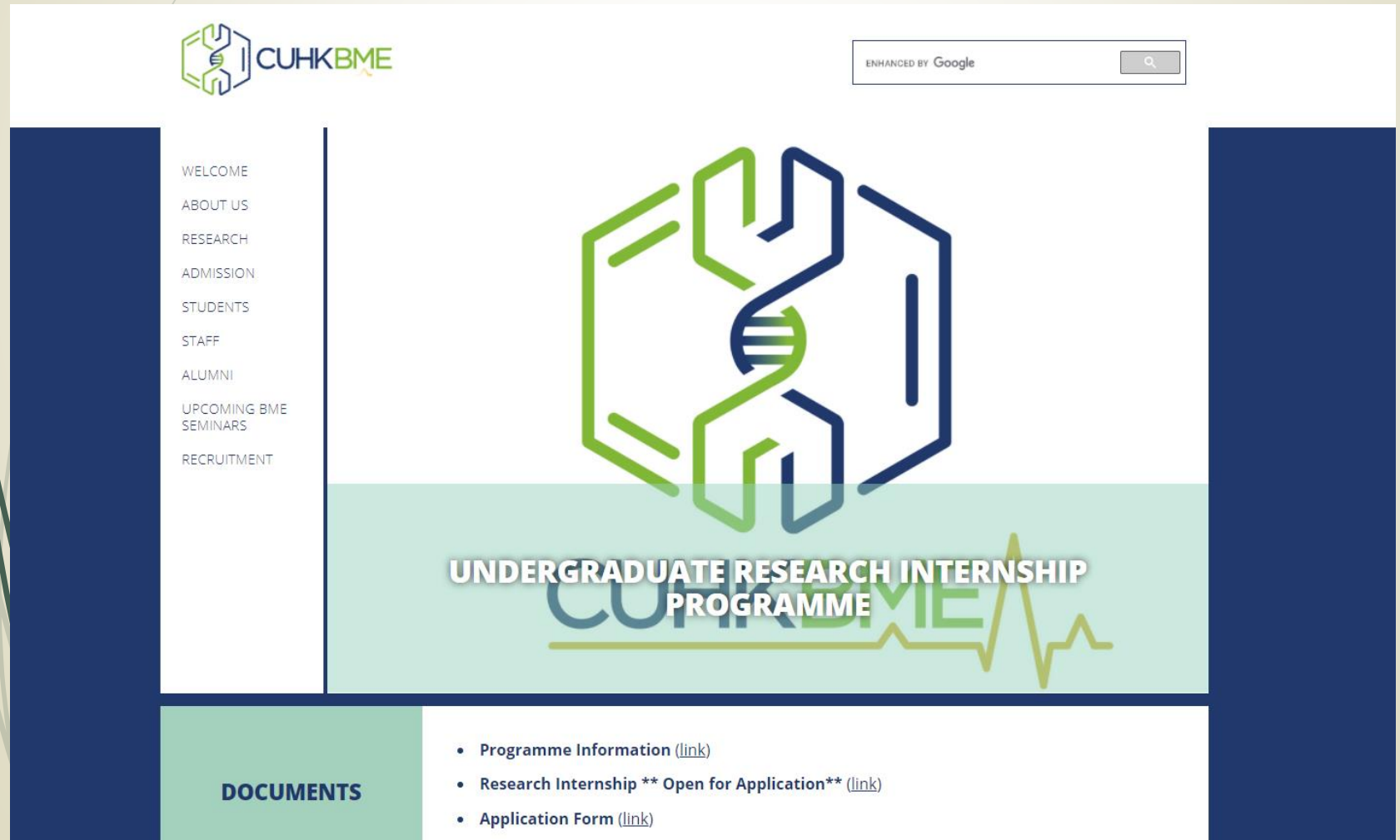
- > DEPARTMENTS
- > ACADEMIC PROGRAMMES
- > TEACHING AND LEARNING
- > **INFORMATION FOR STUDENTS**
- > ELITE Stream

2. Local Internship

BME Undergraduate Research Internship (year-long)

http://www.bme.cuhk.edu.hk/new/ug_internship.php

BME Undergraduate students with a **cumulative GPA of 2.8 or above** are eligible to apply (Final Year students are NOT allowed to join the programme during the summer)



The screenshot shows the website for the CUHK BME Undergraduate Research Internship Programme. The header includes the CUHK BME logo and a search bar. A navigation menu on the left lists: WELCOME, ABOUT US, RESEARCH, ADMISSION, STUDENTS, STAFF, ALUMNI, UPCOMING BME SEMINARS, and RECRUITMENT. The main content area features a large graphic of a DNA double helix and a hand holding a DNA strand, with the text "UNDERGRADUATE RESEARCH INTERNSHIP PROGRAMME" overlaid. Below this, a "DOCUMENTS" section lists three links: "Programme Information (link)", "Research Internship ** Open for Application** (link)", and "Application Form (link)".

CUHK BME

ENHANCED BY Google

WELCOME
ABOUT US
RESEARCH
ADMISSION
STUDENTS
STAFF
ALUMNI
UPCOMING BME SEMINARS
RECRUITMENT

UNDERGRADUATE RESEARCH INTERNSHIP PROGRAMME

DOCUMENTS

- Programme Information ([link](#))
- Research Internship ** Open for Application** ([link](#))
- Application Form ([link](#))

Stream Preference and Declaration

- ▶ 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/ESTR4998 and BMEG4999/ESTR4999, prescribed by the stream.



January 2023:

Survey on Stream Preference & BMEG Elective Course Offering
in next academic year 2023-24

(for Year 2 or above, Year 1 Senior-year entry students)

April 2023:

Online Stream Declaration Form will be sent to the Final Year
Graduating Students, i.e. Students who are expected to be
graduated in 2022-23 Term 2.

** Certifying letter for BME stream will be issued to students who
have fulfilled the course requirement of stream of their
admission year by early August.

For students who are expected to be graduated in 2022-23 Term 1 and would like to declare stream, please send an email request to bmeinfo@cuhk.edu.hk and provide us with the below information **by 31 December 2022**:

- **Full Name**
- **SID**
- **Admission Year**
- **Declaration of Stream**
- **List out the elective courses that you have been completed or going to be completed before 2022-23 Term 1**

** at least 12 units from the elective courses listed in the study scheme.

** Certifying letter for BME stream will be issued to this batch of graduating students by January 2023.

Medical Instrumentation and Biosensors

- **At least 12 units chosen from the following courses**
- **BMEG4998 and 4999 in an approved topic relevant to the Stream**
- **Students are allowed to take a maximum of 3 units of CSCI course(s) at 1000 or above level**

Offering in Term 1, 2022-23

- BMEG3103 Big Data in HealthCare
- BMEG3130 Tele-Medicine and Mobile Healthcare

Offering in Term 2, 2022-23

- BMEG3330/ESTR3602 Neuroengineering
- BMEG3420 Medical Robotics
- BMEG3440 Global Engineering Medical Innovation
- BMEG4220 Wearable Biomedical Devices and IoT in HealthCare

(No. of Enrollment < 12)

- BMEG4450/ESTR4202 Bionanotechnology
- BMEG4520 Cardiovascular Engineering
- ELEG3201/ESTR3200 Microelectronic Devices and Circuits
- CSCI courses

Not scheduled in 2022-23

- BMEG3210/ESTR3212 Biofluids
- BMEG4330 Advanced Imaging and Spectroscopy Techniques in Biomedicine
- BMEG4410 BioMEMS

Biomedical Imaging, Informatics and Modeling

- **At least 12 units chosen from the following courses**
- **BMEG4998 and 4999 in an approved topic relevant to the Stream**
- **Students are allowed to take a maximum of 3 units of CSCI course(s) at 1000 or above level**

Offering in Term 1, 2022-23

- BMEG3103 Big Data in HealthCare
- BMEG3105/ESTR3605 Data Analytics for Personalized Genomics and Precision Medicine

Offering in Term 2, 2022-23

- BMEG3102 Bioinformatics
- BMEG3440 Global Engineering Medical Innovation
- BMEG4520 Cardiovascular Engineering
- CSCI courses

Not scheduled in 2022-23

- BMEG4103 Biomedical Modelling
- BMEG4320 AI & Imaging for Biomedical Engineering
- BMEG4330/ESTR4201 Advanced Imaging and Spectroscopy Techniques in Biomedicine

Molecular, Cell and Tissue Engineering

- **At least 12 units chosen from the following courses**
- **BMEG4998 and 4999 in an approved topic relevant to the Stream**
- **Students are allowed to take a maximum of 3 units of CSCI course(s) at 1000 or above level**

Offering in Term 1, 2022-23

- BIOL2120 Cell Biology
- BMEG3105/ESTR3605 Data Analytics for Personalized Genomics and Precision Medicine
- BMEG3140 Molecular and Cellular Engineering Laboratory
- MBTE4320 Genetic Engineering

Offering in Term 2, 2022-23

- BMEG3440 Global Engineering Medical Innovation
- BMEG4450/ESTR4202 Bionanotechnology
- BMEG4510/ESTR4204 Biomolecular Engineering
- BMEG4520 Cardiovascular Engineering

Not scheduled in 2022-23

- BMEG3210/ESTR3212 Biofluids
- BMEG4410/ ESTR4203 BioMEMS
- BMEG4530/ESTR4214 Musculoskeletal Tissue Engineering



香港中文大學生物醫學工程學系
Department of Biomedical Engineering
The Chinese University of Hong Kong



香港中文大學生物醫學工程學系
Department of Biomedical Engineering
The Chinese University of Hong Kong



9 July 2021

7 July 2020

TO WHOM IT MAY CONCERN

TO WHOM IT MAY CONCERN

Dear Sir/Madam,

Dear Sir/Madam,

Stream of Specialization

Stream of Specialization

This is to certify that [REDACTED] (Student ID: [REDACTED]) has fulfilled all the requirements for the stream of specialization in **Medical Instrumentation and Biosensors** for BEng (Hons) in Biomedical Engineering.

This is to certify that [REDACTED] (Student ID: [REDACTED]) has fulfilled all the requirements for the stream of specialization in **Molecular, Cell and Tissue Engineering** for BEng (Hons) in Biomedical Engineering.

For verification of student data, please send request to bmeinfo@cuhk.edu.hk or contact us (+852) 3943 1935.

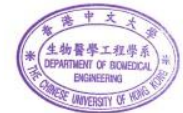
For verification of student data, please send request to bmeinfo@cuhk.edu.hk or contact us (+852) 3943 1935.




香港中文大學生物醫學工程學系
Department of Biomedical Engineering
The Chinese University of Hong Kong



Yours faithfully,




Professor Raymond K.Y. Tong
Chairman
Department of Biomedical Engineering
The Chinese University of Hong Kong

1 August 2020

TO WHOM IT MAY CONCERN

Dear Sir/Madam,

Stream of Specialization

This is to certify that [REDACTED] (Student ID: [REDACTED]) has fulfilled all the requirements for the stream of specialization in **Biomedical Imaging, Informatics and Modeling** for the B.Eng. degree in Biomedical Engineering.

For verification of student data, please send request to bmeinfo@cuhk.edu.hk or contact us (+852) 3943 1935.

Policy of Course Cancellation Due to Low Enrollment Rate

- Minimum enrollment no. for elective courses: 12
- Elective courses may be cancelled if the enrollment no. is BELOW 12 after the course registration period of the semester
- General Office will inform students who registered the course will be cancelled and provide assistance to students for course registration

UPDATE

BMEG4220 Wearable Biomedical Devices and IoT in Healthcare

- Course Renamed (previous course name: Body Sensor Networks)
- Course Offering: 2022-23 Term 2
- Elective Course in Medical Instrumentation and Biosensors (MIB) Stream
- New Elective Course in Biomedical Imaging, Informatics and Modeling (BIIM) Stream (subject to be approved)

Course Description:

This course addresses two closely related areas in biomedical engineering. The contents of the first part include: an introduction to wearable medical devices and bio-sensing technologies, design of on-body and in-body biosensors, communication topologies, protocols, standards and media of body sensor networks (BSN). The second part is concerned with deployment of healthcare services through the internet system. Specific topics include: review of remote healthcare deployment through an information network, enabling technologies such as high definition imaging and mobile communication, information security, data management and state-of-the-art development.

Change of Curriculum

REMINDER!!

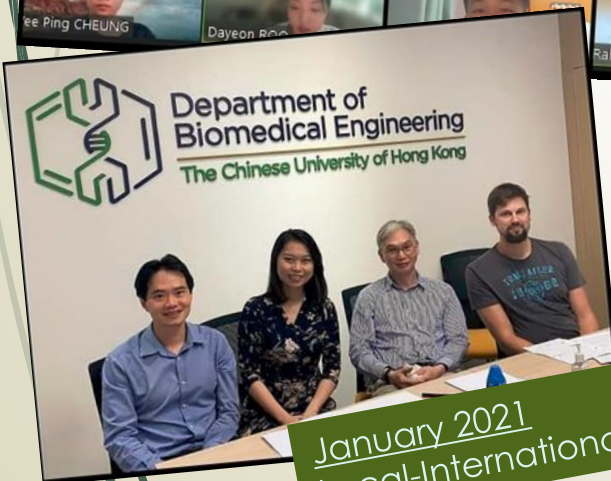
Phased out Course	Course Substitution
<p>BMEG2011 Biomedical Engineering Laboratory and Hospital Experience <u>has been offered for LAST time in 2021-22 Term 2</u></p>	<p>BME major students who cannot complete BMEG2011 by the academic year of 2021-22, they will need to take the following two courses for course substitution of BMEG2011:</p> <p>BMEG2012 Biomedical Engineering Laboratory (2 units) <u>AND</u> BMEG2602 Hospital Experience and Engineering Practicum (1 unit)</p>

Change of Curriculum

Phased out Course	Course Substitution
<p>BMEG3101 Medical Instrumentation and Design (3 units) <u>has been offered for LAST time in 2021-22 Term 1</u></p>	<p>For those who cannot complete BMEG3101 by the academic year of 2021-22, they will need to take the following two courses for course substitution of BMEG3101: BMEG3111 Medical Instrumentation and Design (2-units) <u>AND</u> BMEG3440 Global Engineering Medical Innovation (3-units)</p> <p>Remarks:</p> <ul style="list-style-type: none">• Unless any special circumstances, BME major students shall take BMEG3111 AND BMEG3440 for course substitution of BMEG3101. Taking other course(s) to substitute BMEG3101 would not be accepted.• For BME major students who have to take BMEG3111 AND BMEG3440 for course substitution of BMEG3101 will have to take <u>13 units of the major elective courses, total major programme requirements will remain unchanged (i.e. 75 units)</u>

BME Activities 2021-22

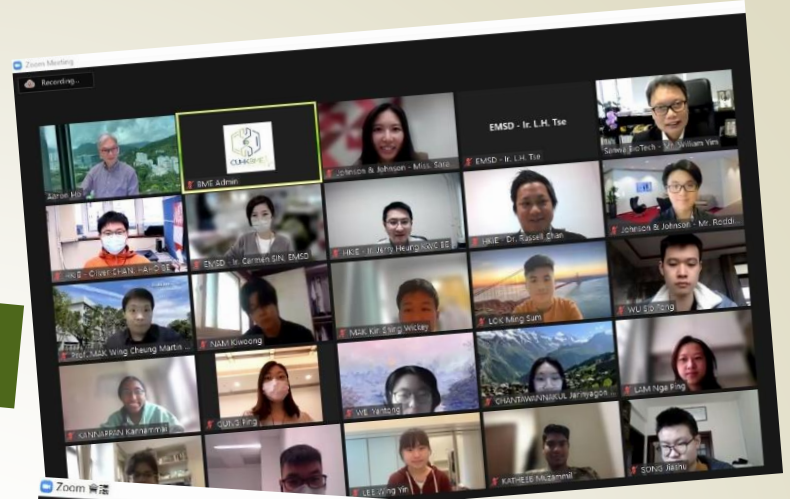
August 2021
Academic Counselling
for New Year 1 Students



January 2021
Local-International Buddy
Scheme



November 2021
EMedic Global 2021



April 2022
Career Forum 2022

BME Activities 2021-22



June-August 2022
Lab Exposure Programme
for Year 1 Students

Upcoming BME Activities

BME Alumni Talk

January 2023

BME Career Forum

March-April 2023

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