



Department of
Biomedical Engineering
The Chinese University of Hong Kong

TOWN HALL MEETING

(Term 1, 2025-26)

Prof. WANG DONGAN

BME Department Chairperson

10 November 2025 (Mon)

11:30 AM – 12:30 PM

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



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



CUHK Biomedical Engineering



BMEDEPT



CUHK Biomedical Engineering



Regular Town Hall Meeting

Town Hall meetings will be held every semester to ensure good communication with students in BME.



Agenda

- UG Student Representatives in 2025-26
- Best Teacher Award 2025, Outstanding Tutor Award 2025 & Departmental Commendation Award 2025
- Programme Outcomes
- Stream Preference and Declaration
- Elective Course Offering 2022-25
- Lab Safety Guidelines
- Summer Internship Opportunities
- Q&A



UG Student Representatives in 2025-26

Year	Name	Email
1	WONG Sheung Kiu 黃湘葭	1155258858@link.cuhk.edu.hk
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Best Teacher Award 2025

Prof. HO Ho Pui Aaron

Outstanding Tutor Award 2025

Ms. ZOU Xinwei

Departmental Commendation Award 2025

Mr. MAK Long Fung

Mr. YAN Xiaokun

Ms. YUAN Yurou

Ms. ZOU Xinwei



Programme 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 Outcomes

Matching between the Programme Outcomes and the HKIE Graduate Attributes

HKIE 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

Stream Preference and Declaration

Streams

- **Medical Instrumentation and Biosensors**
- **Biomedical Imaging, Informatics and Modeling**
- **Molecular, Cell and Tissue Engineering**

Requirements:

Students may choose not to specialize in any stream or to specialize in one of the three streams and complete **at least 12 units from the elective courses listed in the study scheme**, at most one elective at 2000 or below level, **plus BMEG4998/ESTR4998 and BMEG4999/ESTR4999**, prescribed by the stream.

Students could declare double streams as long as they have fulfilled the course and unit requirements including Final Year Project in the stream.

Stream Preference and Declaration

Important Date

An announcement email regarding the following submissions will be sent to students closer to the submission deadline.

Stream Preference (For Year 1 Senior-year entry, advanced standing and Year 2 or above students):

by **8 February 2026 (Sun)**

Survey on Stream Preference & BMEG Elective Course Offering in the next academic year 2026-27.

Stream Declaration (For graduating students of Term 2, 2025-26)

By **29 May 2026 (Fri)**

Students who are expected to graduate in Term 2, 2025-26, and would like to declare a stream, please complete the form.

A Certificate of Completion for the BME Stream will be issued to students who have fulfilled the course requirements of the stream by August 2026.

Elective Course Offering 2022-25

Course Code	Stream	Course Title	Unit(s)	2023-24	2024-25	2025-26
BMEG3102	BIIM	Bioinformatics	3	Term 2	Term 2	X
BMEG3103	MIB/ BIIM	Big Data in HealthCare	3	Term 1	Term 1	Term 1
BMEG3105	BIIM/MCTE	Data Analytics for Personalized Genomics and Precision Medicine	3	Term 1	Term 1	Term 1
BMEG3130	MIB	Tele-Medicine and Mobile Healthcare	3	X	Term 1	X
BMEG3140	MCTE	Molecular and Cellular Engineering Laboratory	3	Term 1	Term 1	Term 1
BMEG3210	MIB/MCTE	Biofluids	3	Term 2	X	X
BMEG3330	MIB	Neuroengineering	3	Term 2	Term 2	Term 1
BMEG3420	MIB	Medical Robotics	3	X	Term 2	Term 2
BMEG3440	MIB/BIIM/MCTE	Global Engineering Medical Innovation	3	Term 2	Term 2	Term 2
BMEG3910	-	Undergraduate Research in Biomedical Engineering	3	Term 1/2	Term 1/2	Term 1/2
BMEG3920	-	Cross-Cultural Biomedical Collaboration for Global Health Challenge	3	X	Summer	TBC
BMEG4220	MIB/BIIM	Wearable Biomedical Devices and Personalized Healthcare	3	X	Term 1	Term 1
BMEG4320	BIIM	AI & Imaging for Biomedical Engineering	3	Term 1	X	Term 1
BMEG4410	MIB/MCTE	BioMEMS	3	Term 2	X	Term 2
BMEG4450	MIB/MCTE	Bionanotechnology	3	Term 2	Term 2	Term 2
BMEG4510	MCTE	Biomolecular Engineering	3	X	Term 2	X
BMEG4520	MIB/BIIM/MCTE	Cardiovascular Engineering	3	Term 2	X	Term 2
BMEG4530	MCTE	Musculoskeletal Tissue Engineering	3	X	Term 2	Term 2

Lab Safety Guidelines

BME Computer Lab ERB1122



- For BME students ONLY
- **Opening Hours - 8:45 AM – 5:30 PM from Monday to Friday**
- Use your CU Link Card to access the computer lab (use the main door ONLY)
- Use O365 account to login the computer
- 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)
- Follow all the “Rules and Regulations” posted on the whiteboard of the computer lab

Lab Safety Guidelines

BME Computer Lab ERB1122

Please set the printer driver, check balance of printing service
<http://www.bme.cuhk.edu.hk/computerlabnotice.pdf>

Check the availability of the 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 color printing (A4)
3. \$40 free quota per year per student, maximum accumulation 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.



Internship Opportunities

1. **BME Overseas Research Exchange**
2. **Local Internship**
 - **BME Undergraduate Research Internship**
 - **Faculty Undergraduate Summer Research Internship**
 - **Government, Hospitals & Companies**



Summer Internship Opportunities

1. BME Overseas Summer Research Exchange (Summer 2026, 8-10 weeks)

Overseas Institutions (2024-25)

- Monash University, Melbourne
- National Tsing Hua University, Taiwan
- New Jersey Institute of Technology, America
- New Zealand College of Chiropractic, New Zealand
- University of Washington, America

All information has been uploaded to our Department's website

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

Summer Internship Opportunities

1. BME Overseas Summer Research Exchange (Summer 2026, 8-10 weeks)

An **Information Q&A Session** has been scheduled on **12 December 2025 (Fri)**. Details are as below:

<u>Information Q&A Session</u>	
Date	12 December 2025 (Fri)
Time	11:30 AM - 12:30 PM (Hong Kong Time)
Venue	ERB Room 1122 (Computer Lab) or Join on ZOOM if you are not able to join in person <u>The details will be provided in the announcement email soon.</u>

Summer Internship Opportunities

1. BME Overseas Summer Research Exchange (Summer 2026, 8-10 weeks)

Interested students should complete the attached application form and submit it with all required documents to the department at bmeinfo@cuhk.edu.hk by **19 December 2025 (Fri)**.

***** Late applications will not be considered *****

Important Date

Application Deadline	19 December 2025
Interview by the BME Panel	8 -9 January 2026
Matching and Nomination to the Hosts	12 - 23 January 2026
Interview and Decision by the Hosts	24 January – 6 February 2026
Official Notification of Acceptance	By the end of February 2026

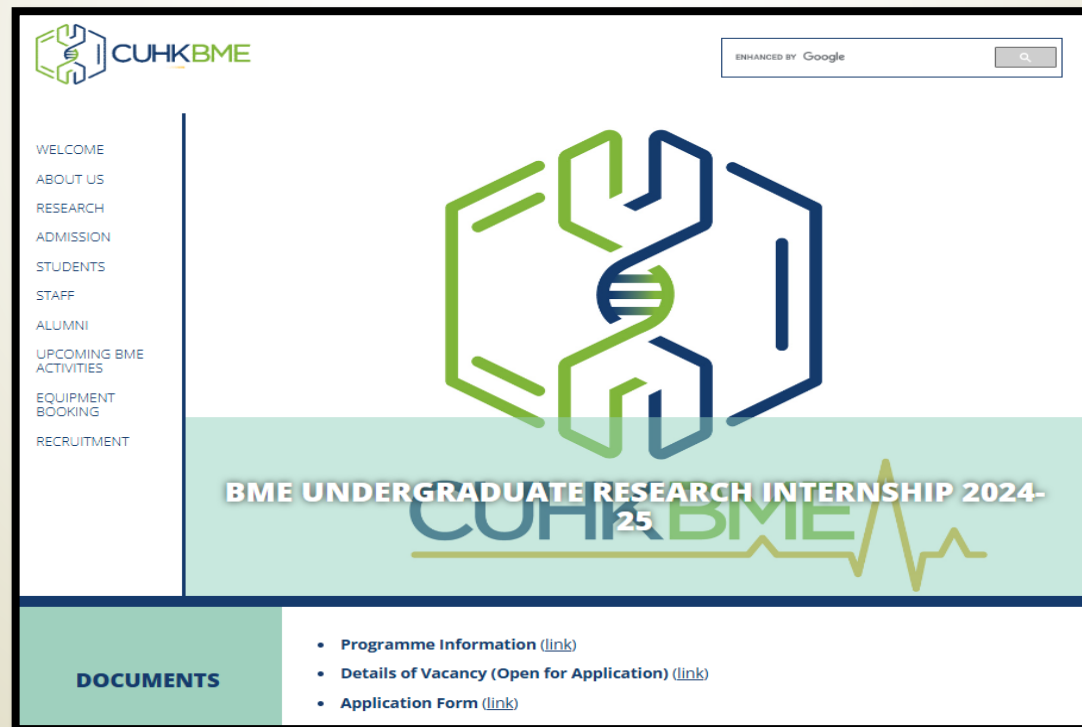
Summer Internship Opportunities

2. Local Internship

BME Undergraduate Research Internship

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

Students must demonstrate strong academic performance, **with a cumulative GPA of 2.8 or higher**. Please note that **final-year students are not allowed to participate during the summer**.



The screenshot displays the CUHK BME website. The top left features the CUHK BME logo. A search bar on the top right is labeled "ENHANCED BY Google". A vertical navigation menu on the left lists: WELCOME, ABOUT US, RESEARCH, ADMISSION, STUDENTS, STAFF, ALUMNI, UPCOMING BME ACTIVITIES, EQUIPMENT BOOKING, and RECRUITMENT. The main content area is dominated by a large graphic of a DNA double helix intertwined with a gear, set against a light green background. Below this graphic, the text "BME UNDERGRADUATE RESEARCH INTERNSHIP 2024-25" is displayed in white, with "CUHK BME" in a larger, stylized font underneath. At the bottom, a "DOCUMENTS" section lists three items: "Programme Information (link)", "Details of Vacancy (Open for Application) (link)", and "Application Form (link)".

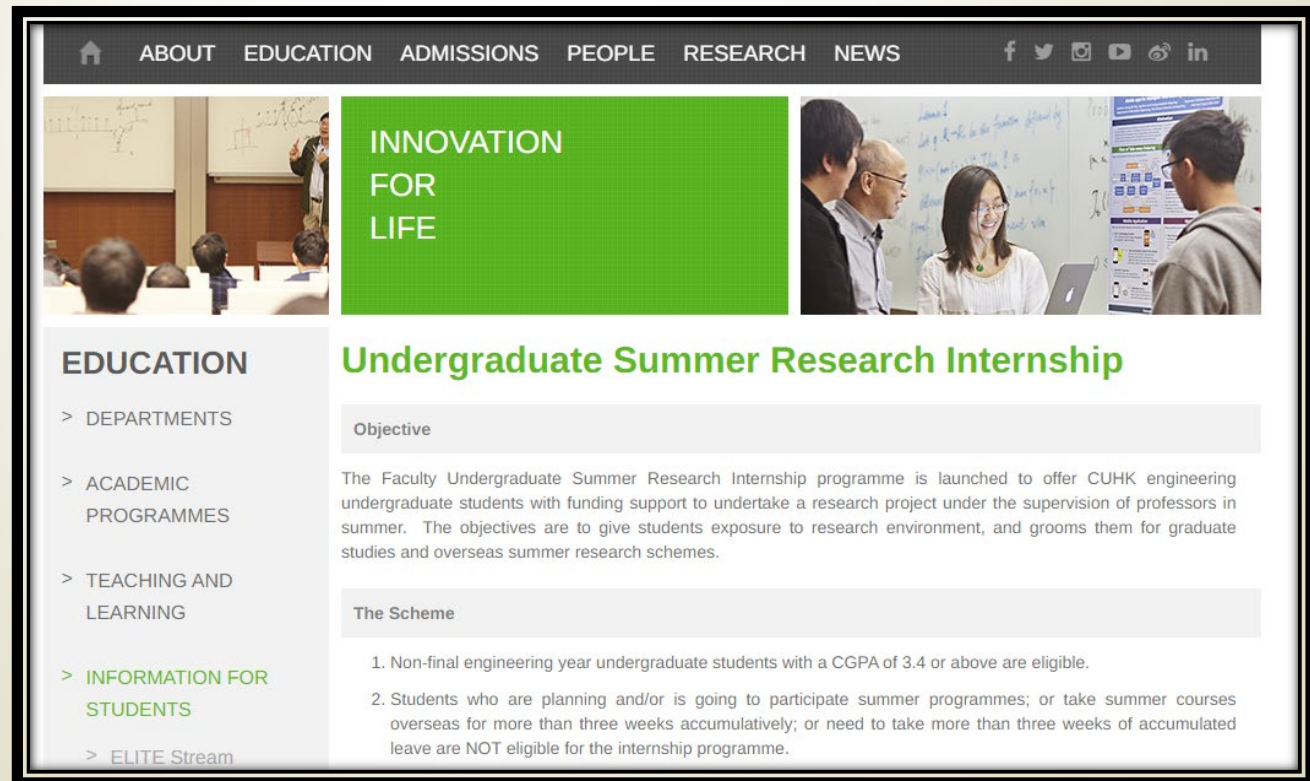
Summer Internship Opportunities

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.



The screenshot shows the website for the Faculty Undergraduate Summer Research Internship. The navigation bar includes links for ABOUT, EDUCATION, ADMISSIONS, PEOPLE, RESEARCH, and NEWS, along with social media icons for Facebook, Twitter, Instagram, YouTube, and LinkedIn. The main content area features a green banner with the text "INNOVATION FOR LIFE" and a photograph of students in a classroom. Below the banner, the "EDUCATION" section is expanded to show "INFORMATION FOR STUDENTS". The "Undergraduate Summer Research Internship" section includes an "Objective" and "The Scheme" section.

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

INNOVATION FOR LIFE

EDUCATION

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

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 groom 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.

Summer Internship Opportunities

2. Local Internship (2024-25)

Government, Hospitals & Companies

- CUHK Medical Centre
- Gleneagles Hospital
- Hong Kong Adventist Hospital (Stubbs Road)
- Hong Kong Adventist Hospital (Tsuen Wan)
- Hospital Authority
- St Paul's Hospital
- GE Medical Systems HK Ltd
- DBS Bank | Hong Kong



Q & A Session

Follow us for BME-updated news!



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



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