

**City University of Hong Kong**  
**Course Syllabus**

**offered by College of Biomedicine**  
**with effect from Semester A 2026/27**

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**Part I Course Overview**

**Course Title:** Research Seminar

**Course Code:** CBM4000

**Course Duration:** Two semesters

**Credit Units:** 1

**Level:** B4

Arts and Humanities

**Proposed Area:**  
*(for GE courses only)*

Study of Societies, Social and Business Organisations

Science and Technology

**Medium of Instruction:** English

**Medium of Assessment:** English

**Prerequisites:**  
*(Course Code and Title)* Nil

**Precursors:**  
*(Course Code and Title)* Nil

**Equivalent Courses:**  
*(Course Code and Title)* Nil

**Exclusive Courses:**  
*(Course Code and Title)* Nil

## Part II Course Details

### 1. Abstract

(A 150-word description about the course)

This course aims to expose students to new research in the fields of biomedicine / biomedical engineering. Students will attend research seminars for at least two semesters. Throughout the course, students will learn to think critically and creatively, apply and integrate knowledge acquired from other courses, deepen their understanding of biomedicine and engineering concepts, pose questions, and participate in scientific discourse.

### 2. Course Intended Learning Outcomes (CILOs)

(CILOs state what the student is expected to be able to do at the end of the course according to a given standard of performance.)

No.	CILOs <sup>#</sup>	Weighting* (if applicable)	Discovery-enriched curriculum related learning outcomes (please tick where appropriate)		
			A1	A2	A3
1.	Discover new knowledge arising from research activities (academia and industry)	40%	√	√	
2.	Critically analyze and integrate information and data	40%	√	√	
3.	Develop a mindset to realize the importance of life-long learning in the profession of biomedical engineering	20%	√		
		100%			

\* If weighting is assigned to CILOs, they should add up to 100%.

# Please specify the alignment of CILOs to the Gateway Education Programme Intended Learning outcomes (PILOs) in Section A of Annex.

A1: Attitude

Develop an attitude of discovery/innovation/creativity, as demonstrated by students possessing a strong sense of curiosity, asking questions actively, challenging assumptions or engaging in inquiry together with teachers.

A2: Ability

Develop the ability/skill needed to discover/innovate/create, as demonstrated by students possessing critical thinking skills to assess ideas, acquiring research skills, synthesizing knowledge across disciplines or applying academic knowledge to real-life problems.

A3: Accomplishments

Demonstrate accomplishment of discovery/innovation/creativity through producing /constructing creative works/new artefacts, effective solutions to real-life problems or new processes.

### 3. Learning and Teaching Activities (LTAs)

(LTAs designed to facilitate students' achievement of the CILOs.)

LTA	Brief Description	CILO No.			Hours/week (if applicable)
		1	2	3	
	There will be no formal lectures. Students will attend research seminars for at least two semesters.	√	√	√	Variable

#### 4. Assessment Tasks/Activities (ATs)

(ATs are designed to assess how well the students achieve the CILOs.)

Assessment Tasks/Activities	CILO No.			Weighting *	Remarks	Allow Use of GenAI?
	1	2	3			
Continuous Assessment: 100 %						
Research seminar attendance	✓	✓	✓	60%		No
Reflective report	✓	✓	✓	40%		Yes
Examination: 0 % (duration: N/A hours, if applicable)						
* The weightings should add up to 100%.				100%		

Students will provide documentation of their research seminar attendance.

Examination duration: N/A

Percentage of continuous assessment, examination, etc.: 100% by continuous assessment

To pass a course, a student must do ALL of the following:

- 1) obtain at least 40% of the total marks allocated towards continuous assessment (combination of assignments, pop quizzes, term paper, lab reports and/ or quiz, if applicable);
- 2) obtain at least 40% of the total marks allocated towards final examination (if applicable); and
- 3) meet the criteria listed in the section on Assessment Rubrics.

#### 5. Assessment Rubrics

(Grading of student achievements is based on student performance in assessment tasks/activities with the following rubrics.)

Assessment Task	Criterion	Pass (P)	Failure (F)
1. Research seminar attendance	Ability to think critically and creatively, apply and integrate knowledge acquired from other courses, deepen their understanding of biomedicine and engineering concepts, pose questions, and participate in scientific discourse.	Students attend at least 4 research seminars per semester for 2 semesters (i.e., 8 in total).	Students attend less than 4 research seminars during the semester.
2. Reflective report	Ability to demonstrate clarity of thought, depth of analysis, coherence, relevance to seminar content, personal insight, concise expression, and adherence to formatting guidelines.	Students submit a reflective report for each seminar.	Students are unable to submit a reflective report for each seminar.

**Part III Other Information** (more details can be provided separately in the teaching plan)

**1. Keyword Syllabus**

*(An indication of the key topics of the course.)*

Current topics in biomedicine and/or biomedical engineering; independent study

**2. Reading List**

**2.1 Compulsory Readings**

*(Compulsory readings can include books, book chapters, or journal/magazine articles. There are also collections of e-books, e-journals available from the CityU Library.)*

Nil

**2.2 Additional Readings**

*(Additional references for students to learn to expand their knowledge about the subject.)*

Nil