City University of Hong Kong
Course Syllabus

offered by Department of Chemistry
with effect from Semester A 2024/25

Part I Course Overview

Course Title:	Postgraduate Symposium
Course Code:	CHEM6123
Course Duration:	1 semester
Credit Units:	1 credit
Level:	P6
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)*	BCH6123 Postgraduate Symposium
Exclusive Courses: *(Course Code and Title)*	Nil

Part II Course Details

1. Abstract

This course is a core course for the self-financed taught MSc in Chemistry programme of the Department of Chemistry. This course aims for postgraduate students to:

- Discover and learn about frontier scientific research methodologies and achievements in the various fields and disciplines of Chemistry and related Molecular Sciences from leading experts in their fields
- Develop skills in communication and presentation of scientific results in a professional manner
- Develop ability to critically appraise research results
- Broaden their knowledge base in scientific research topics other than their own fields, and to develop critical thinking and analytical skills in research

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	Weighting (If applicable)	Discovery-enriched curriculum related learning outcomes (Please tick where appropriate)		
			A1	*A2*	*A3*
1.	Demonstrate the capability for presenting scientific paper, explaining the challenge and basic research methodology; demonstrate ability to communicate scientific information in a professional manner.		✓	✓	
2.	Apply knowledge to critically evaluate the scientific papers presented by different participants and research methods involved.			✓	✓
3.	Produce new insights thought the discussions with the symposium participants.			✓	✓
		100%			

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.		
		1	2	3
Postgraduate Symposium	Students will participate in the Postgraduate Symposium	✓	✓	✓
Poster presentation/ preparation of critique	Students will give a poster presentation: 1. Abstract 2. Design of poster 3. Presentation of poster Or Students will prepare a critique (<u>if no poster presentation</u>) through the following activities: 1. Students will discuss with the poster presenters and prepare a critique to critically analyse and review the content, research methodology, interpretation of experimental data and presentation skill of a selected poster in the postgraduate symposium	✓	✓	✓
Seminar reports	Students will prepare a seminar report on keynote lecture or selected oral presentation to provide critical analyses and reviews on the research topics and the methodologies adopted		✓	

4. Assessment Tasks/Activities (ATs)

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

Assessment Tasks/Activities	CILO No.			Weighting	Remarks
	1	2	3		
Continuous Assessment: <u>100</u>%					
Attendance of the symposium	✓	✓	✓	20%	
Poster design and presentation or critique to critically analyse and review the content of a selected poster	✓	✓	✓	40%	
Seminar reports		✓		40%	
				100%	

Starting from Semester A, 2015-16, students must satisfy the following minimum passing requirement for courses offered by CHEM:

<u>"A minimum of 40% in both coursework and examination components."</u>

5. Assessment Rubrics

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

Applicable to students admitted before Semester A 2022/23 and in Semester A 2024/25 & thereafter

Assessment Task	Criterion	Excellent (A+, A, A-)	Good (B+, B, B-)	Fair (C+, C, C-)	Marginal (D)	Failure (F)
1. Attendance of the symposium	Ability to communicate scientific information and discuss among symposium participants.	Able to demonstrate excellent abilities across all topics outlined in the criterion with no mistakes in the assessment task.	Able to demonstrate good abilities in various topics outlined in the criterion with a few minor mistakes in the assessment task	Able to demonstrate good abilities in key topics of selected areas outlined in the criterion with a few mistakes in the assessment task.	Able to demonstrate basic abilities in isolated topics of selected areas outlined in the criterion with some mistakes in the assessment task.	Fail to demonstrate basic abilities in most topics outlined in the criterion.
2. Poster design and presentation or critique to critically analyse and review the content of a selected poster	1. Ability to communicate scientific information in a professional manner. 2. Ability to explain the challenge and research methodology. 3. Ability to analyse and evaluate scientific research results.	Able to demonstrate excellent abilities across all topics outlined in the criterion with no mistakes in the assessment task.	Able to demonstrate good abilities in various topics outlined in the criterion with a few minor mistakes in the assessment task	Able to demonstrate good abilities in key topics of selected areas outlined in the criterion with a few mistakes in the assessment task.	Able to demonstrate basic abilities in isolated topics of selected areas outlined in the criterion with some mistakes in the assessment task.	Fail to demonstrate basic abilities in most topics outlined in the criterion.
3. Seminar reports	Ability to evaluate a scientific paper and propose solutions to the scientific problems.	Able to demonstrate excellent abilities across all topics outlined in the criterion with no mistakes in the assessment task.	Able to demonstrate good abilities in various topics outlined in the criterion with a few minor mistakes in the assessment task	Able to demonstrate good abilities in key topics of selected areas outlined in the criterion with a few mistakes in the assessment task.	Able to demonstrate basic abilities in isolated topics of selected areas outlined in the criterion with some mistakes in the assessment task.	Fail to demonstrate basic abilities in most topics outlined in the criterion.

Applicable to students admitted from Semester A 2022/23 to Summer Term 2024

Assessment Task	Criterion	Excellent (A+, A, A-)	Good (B+, B)	Marginal (B-, C+, C)	Failure (F)
1. Attendance of the symposium	Ability to communicate scientific information and discuss among symposium participants.	Able to demonstrate excellent abilities across all topics outlined in the criterion with no mistakes in the assessment task.	Able to demonstrate good abilities in various topics outlined in the criterion with a few minor mistakes in the assessment task	Able to demonstrate good abilities in key topics of selected areas outlined in the criterion with a few mistakes in the assessment task.	Fail to demonstrate basic abilities in most topics outlined in the criterion.
2. Poster design and presentation or critique to critically analyse and review the content of a selected poster	1. Ability to communicate scientific information in a professional manner. 2. Ability to explain the challenge and research methodology. 3. Ability to analyse and evaluate scientific research results.	Able to demonstrate excellent abilities across all topics outlined in the criterion with no mistakes in the assessment task.	Able to demonstrate good abilities in various topics outlined in the criterion with a few minor mistakes in the assessment task	Able to demonstrate good abilities in key topics of selected areas outlined in the criterion with a few mistakes in the assessment task.	Fail to demonstrate basic abilities in most topics outlined in the criterion.
3. Seminar reports	Ability to evaluate a scientific paper and propose solutions to the scientific problems.	Able to demonstrate excellent abilities across all topics outlined in the criterion with no mistakes in the assessment task.	Able to demonstrate good abilities in various topics outlined in the criterion with a few minor mistakes in the assessment task	Able to demonstrate good abilities in key topics of selected areas outlined in the criterion with a few mistakes in the assessment task.	Fail to demonstrate basic abilities in most topics outlined in the criterion.

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.)

There will be no fixed syllabus for this course. Seminars and research proposals will be based on the relevant fields / disciplines selected by the MSc student.

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.)

N.A.

2.2 Additional Readings

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

1.	Designing science presentations: a visual guide to figures, papers, slides, posters, and more [electronic resource], Matt Carter, Academic Press, London, 2013.
2.	Writing and presenting scientific papers, / Birgitta Malmfors, Phil Garnsworthy, Michael Grossman Eds., Nottingham University Press, Nottingham, 2000.