

Course Syllabus

**offered by Department of Chemistry
with effect from Semester B 2017/18**

This form is for the completion by the *Course Leader*. The information provided on this form is the official record of the course. It will be used for the City University's database, various City University publications (including websites) and documentation for students and others as required.

Please refer to the Explanatory Notes on the various items of information required.

Prepared / Last Updated by:

Name: Dr. Vincent C. C. Ko Academic Unit: Department of Chemistry

3442 6958 /
Phone/email: vinccko@cityu.edu.hk Date: 30 November 2017

**City University of Hong Kong
Course Syllabus**

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with effect from Semester B 2017/18**

Part I Course Overview

Course Title:	Postgraduate Symposium
Course Code:	BCH6123
Course Duration:	1 semester
Credit Units:	1 credit
Level:	P6
Proposed Area: <i>(for GE courses only)</i>	<input type="checkbox"/> Arts and Humanities <input type="checkbox"/> Study of Societies, Social and Business Organisations <input type="checkbox"/> Science and Technology
Medium of Instruction:	English
Medium of Assessment:	English
Prerequisites: <i>(Course Code and Title)</i>	Nil
Precursors: <i>(Course Code and Title)</i>	Nil
Equivalent Courses: <i>(Course Code and Title)</i>	Nil
Exclusive Courses: <i>(Course Code and Title)</i>	Nil

Part II Course Details

1. Abstract

(A 150-word description about the course)

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%			

* 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 self-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. Teaching and Learning Activities (TLAs)
(TLAs designed to facilitate students' achievement of the CILOs.)

TLA	Brief Description	CILO No.		
		1	2	3
Postgraduate Symposium	Participate in the Postgraduate Symposium	✓	✓	✓
Poster presentation/ preparation of critique	Poster presentation: 1. Abstract 2. Design of poster 3. Presentation of poster Or Preparation of critique (<u>if no poster presentation</u>) Discussions with the poster presenters and preparation of 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	Preparation of 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%	

* The weightings should add up to 100%.

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

“A minimum of 40% in both coursework and examination components.”

5. Assessment Rubrics

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

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	High	Significant	Moderate	Basic	Not even reaching marginal level
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	High	Significant	Moderate	Basic	Not even reaching marginal level
3. Seminar reports	Ability to evaluate a scientific paper and propose solutions to the scientific problems.	High	Significant	Moderate	Basic	Not even reaching marginal level

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. Seminar reports, critiques and posters 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.

Please specify the Gateway Education Programme Intended Learning Outcomes (PILOs) that the course is aligned to and relate them to the CILOs stated in Part II, Section 2 of this form:

GE PILO	Please indicate which CILO(s) is/are related to this PILO, if any (can be more than one CILOs in each PILO)
PILO 1: Demonstrate the capacity for self-directed learning	
PILO 2: Explain the basic methodologies and techniques of inquiry of the arts and humanities, social sciences, business, and science and technology	
PILO 3: Demonstrate critical thinking skills	
PILO 4: Interpret information and numerical data	
PILO 5: Produce structured, well-organised and fluent text	
PILO 6: Demonstrate effective oral communication skills	
PILO 7: Demonstrate an ability to work effectively in a team	
PILO 8: Recognise important characteristics of their own culture(s) and at least one other culture, and their impact on global issues	
PILO 9: Value ethical and socially responsible actions	
PILO 10: Demonstrate the attitude and/or ability to accomplish discovery and/or innovation	

GE course leaders should cover the mandatory PILOs for the GE area (Area 1: Arts and Humanities; Area 2: Study of Societies, Social and Business Organisations; Area 3: Science and Technology) for which they have classified their course; for quality assurance purposes, they are advised to carefully consider if it is beneficial to claim any coverage of additional PILOs. General advice would be to restrict PILOs to only the essential ones. (Please refer to the curricular mapping of GE programme: http://www.cityu.edu.hk/edge/ge/faculty/curricular_mapping.htm.)

- A. Please select an assessment task for collecting evidence of student achievement for quality assurance purposes. Please retain at least one sample of student achievement across a period of three years.

Selected Assessment Task