

City University of Hong Kong

Information on a Course offered by Department of Mathematics with effect from Semester A in 2011 / 2012.

Part I

Course Title: Postgraduate Seminars

Course Code: MA8013M

Course Duration: Throughout the years of the candidate's MPhil/PhD studies

No. of Credit Units: 2

Level: R8

Medium of Instruction: 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

1. Course Aims:

This course is for research students under the Joint Research Supervision Collaboration Scheme with mainland universities. It aims to

- broaden the research horizon of research students;
- update research students with the most recent research topics and methodologies; and
- provide opportunities for research students to discuss research issues with different renowned scholars.

2. Course Intended Learning Outcomes (CILOs)

Upon successful completion of this course, students should be able to:

No.	CILOs	Weighting (if applicable)
1.	initiate independent studies in advanced topics of applied mathematics.	--
2.	advance knowledge of various areas of applied mathematics by integrating up-to-date research development to their courses of study.	--
3.	acquire effective communication skills of presenting mathematical knowledge professionally.	--
4.	make mathematical and social contacts with academics from local and overseas communities.	--
5.	prepare a typed report summarizing research advances and/or progress in specific topic(s).	--

3. Teaching and Learning Activities (TLAs)

Indicative of likely activities and tasks students will undertake to learn in this course. Final details will be provided to students in their first week of attendance in this course.

TLAs	CILO No.	Hours/week
Learning through participation in seminars, colloquia, workshops, etc. exposes students to recent research topics and frontiers of applied mathematics as well as enhances their mathematical knowledge and communication skills.	1--4	--
Learning through report enables students to present research development of specific topic(s) orderly and/or to relate its relevance to subject knowledge.	5	--

4. Assessment Tasks/Activities

100% Coursework on a Pass/Fail basis (of which 80% is on basis of attendance and 20% on the quality of the report writing given by the student)

Research students are required to attend relevant seminars or workshops organized by or recommended by the Department. Students are required to submit a summary (typed) of all seminars or workshops to their supervisors.

Assessment Tasks/Activities	CILO No.	Weighting (if applicable)	Remarks
Seminar participation	1--4	80%	Participation in seminar and other academic activities engages students in appreciating more advanced topics of applied mathematics of their interest.
Report summary	5	20%	Students are assessed on their ability of presenting substantial knowledge and research development of chosen topic(s) on applied mathematics in a report.

5. Grading of Student Achievement:

Grading Pattern:

Standard

Part III

Keyword Syllabus:

There will be no fixed syllabus for this course. Seminars topics will be based on the research areas of the invited speakers.

Recommended Reading:

Text(s):

Online Resources: