

Hong Kong Baptist University
Faculty of Science
Department of Mathematics

Title (Units): MATH 3592 MATHEMATICAL SCIENCE PROJECT II (3,0,9)

Course Aims: This is an extension of MATH 3591 for outstanding students, who are now supposed to conduct more innovative further developments for their results obtained in MATH 3591. A thesis and an oral presentation for Project I are waived but will be required upon completion of Project II.

Prerequisite: MATH 3591, and Recommendation by the supervisor

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Learning Outcomes (LOs):

Upon successful completion of this course, students should be:

No.	Learning Outcomes (LOs)
	Knowledge
1	Able to consolidate the knowledge acquired in Project I
	Skills
2	Able to strengthen the skill acquired in Project I
	Attitude
3	Ready to carry out mathematical research at postgraduate level

Assessment, Learning Outcomes and Weighting:

No.	Assessment Methods	Weighting	LO No.	Remarks
1	Continuous assessment of performance	30%	1-3	Each student will continue his/her work under the guidance of the same supervisor but the student is supposed to have his/her own original ideas and contributions. The progress will be monitored by the supervisor regularly.
2	Thesis	50%	1-3	It should include student's own account of investigations and findings, with a systematic and critical exposition of knowledge in literature. The student is also required to present materials coherently, with all the necessary references cited. Original results are expected.
3	Oral presentation	20%	1-3	Each student is also assessed on the ability to communicate project aims, methodology and investigations/findings effectively.