

Hong Kong Baptist University
Faculty of Science
Department of Mathematics

Title (Units): ORBS7210 Work-based Learning (3,0,3)

Course Aims: The work-based learning course to give an opportunity for students to apply the skills and knowledge from the MSc programme to local (Hong Kong) companies/industries.

Prerequisite: No

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Remark: Students are supervised by staff of HKBU.

Course Intended Learning Outcomes (CILOs):

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

No.	Course Intended Learning Outcomes (CILOs)
1	Apply the skills and knowledge to local companies/industries
2	Report and interpret findings in a scientific and concise manner
3	Solve problems logically, analytically, critically and creatively
4	Solve problems independently and collaboratively as part of a team

Teaching & Learning Activities (TLAs):

CILO	TLAs will include the following:
1,2,3,4	Progress reports or/and presentations to monitor both students' learning and mastering of the taught materials. In addition, common mistakes will also be addressed and analyzed.

Procedure:

The work-based learning course must be approved by the MSc Programme Director prior to your starting work. The student will also need to discuss the work-based learning plans with the MSC Programme Director. The course is subject to tuition, just as any other courses for credit.

One of the benefits of the work-based learning is the opportunity to practice job-search skills. Students are responsible for finding your own work-based learning place. However, the MSC programme sends out information on work-based learning opportunities through announcements.

Duration: Second semester or third semester

Assessment:

No.	Assessment Methods	Weighting	CILO Addressed	Remarks
1	<p>Continuous Assessment: Students enrolled in the work-based learning course must submit three doubled-spaced, five-page papers over the course; and attend two presentation meetings.</p> <p>The grade of this course is either PASS or FAIL.</p>	100%	all	<p><u>The first paper:</u> Describe your goals for the work-based learning, including:</p> <ol style="list-style-type: none"> 1. the skills and concepts you hope to apply and develop 2. what you want to learn about the company, the industry/business, and yourself <p><u>The second paper:</u> Describe two significant projects/assignments you have been involved in, including:</p> <ol style="list-style-type: none"> 1. The business problem/issue being addressed 2. Your specific role/assignment and degree of responsibility 3. How your participation fits in to the larger project 4. Who else is involved in the project (their roles and responsibilities) <p><u>The third paper:</u> Reflect candidly on your work-based learning, including:</p> <ol style="list-style-type: none"> 1. To what degree your original expectations and goals were met (from the three areas described before) 2. What you learned, either expected or unexpected, during your work-based learning 3. What you enjoyed about your work-based learning and why you did not 4. Your current thoughts about whether or not you would like to work in this function or in this company or industry after graduate from HKBU

Course Intended Learning Outcomes:

Content	CILO No.
1. Work-based Learning	1,3,4
2. Presentations and Reports	2

(Approved by the Science Faculty Board Meeting 31 October 2023)

(Approved by the Department Management Committee on 5 September 2023)