

AR117/116

THE UNIVERSITY OF HONG KONG
Faculty of Architecture
Department of Real Estate and Construction

Master of Science in Interdisciplinary Design and Management
(Proposed to be renamed as “Master of Science in Integrated Project Delivery”)

Credit unit statement

All of the courses in this programme are six-credit courses and these units expect between 120 and 180 hours of student learning activity as the norm. A range of assessment approaches are used which include continuous assessment, examination, and participation in projects, workshops and role-plays.

The categories of courses are summarized below:

Taught or content-based courses that focus on delivering basic information through lectures, tutorials and seminars (normally 24 hours in total). These courses provide the base knowledge and understanding of different aspects of the programme in order to feed essential elements into the project-based courses. Assessment is determined by individual teachers but will normally include a combination of coursework, in-class quizzes and examinations. Coursework might involve assessment of presentations and delivery of reports.

Written output 3,500-6,000 words

Project or research based courses that provide students with the opportunity to develop their own project or research agenda. Contact hours for these courses are based around an introductory lecture or briefing followed by a series of group seminars and individual tutorials which are led by teachers and mentors (normally 24-36 hours in total). Assessment is by means of presentations to fellow students and teachers, interim reports and a final written report.

Written output 2,500-6,000 words

The Capstone experience provides the opportunity for students to show that they have achieved all of the learning objectives through an intensive real life project that requires group working aptitudes and individual competence to be displayed. This is a carefully devised design and construction task in which the students are expected to use all of the available technologies and principles that they have learnt and which will be mentored by industrial partners. Assessments will be by a number of means including observation of working processes and attitudes by the individual students, group and peer assessments, a series of interim and final presentations and a final output which may be a report, a virtual design and construction model, a specific product or a combination of these and other outputs.

Written output 3,500-6,000 words, contact hours 24-48 hours

All of these courses are supported and underpinned by access to the 5D BIM Lab and the provision of technical and contextual support from technicians, teachers and industrial partners and mentors.