

## THE UNIVERSITY OF HONG KONG

Faculty / Offering Unit: School of Computing and Data Science  
 Programme title: Master of Science in Financial Technology and Data Analytics  
[MSc(FTDA)]  
 Applicable student cohort(s): 2024-25 and thereafter

The Master of Science in Financial Technology and Data Analytics curriculum consists of 6-credit courses, 9-credits courses and a capstone experience (project). The curriculum requires candidates to complete at least 75 credits and not more than 81 credits with a total study load of 1545-2295 learning hours, including 316-380 contact hours. All courses are 6-credit in value, except the 12-credit project and courses offered by Faculty of Law, which carry 9 credits per course.

### **Taught courses (6 credits)**

These courses aim at providing students with advanced education and training in the philosophy, methods and techniques of Financial Technology. The total study load of each of these courses is normally between 120 and 180 hours, including 30 – 36 contact hours of lectures and/or tutorials. The coursework:examination ratios for courses range from 30:70 to 100:00. Assessment methods are decided by the individual teachers. Continuous assessment tasks may include in-class quiz, lab reports, group project, written assignments (totalling no more than 5,000 words) and so on.

### **Seminar courses (9 credits)**

Courses offered by Faculty of Law are 9-credit in value. They are mainly taught in seminar format with heavy reliance on extensive reading before the seminars and active participation in class discussion. The total study load of these courses is 225 hours, including 36 contact hours of lectures and /or tutorials. These courses aim to further enhance students' knowledge of legal concepts as well as analytical and evaluative skills. Assessment for this category of courses is by way of a combination of class participation, take-home examination, in-hall examination and/or research papers, with a total output of approximately 6000 to 7000 words. The coursework:examination ratios for courses range from 20:80 to 40:60.

### **Project (12 credits)**

The Project provides Capstone Experience of the curriculum. It aims to provide an opportunity for students to apply what they have learnt from working on a project with support from their supervisor and fellow students, making their learning experience inclusive, enjoyable, and career beneficial. The total study load is expected to be in the range of 240 to 360 hours, including the project report, oral presentation and supporting course components. The total written output for the project is expected to be around 9,000 - 15,000 words. All assessment results will contribute to the final result of the project and is 100% based on coursework. Contact hours are minimal (10-20 hours) because students do independent work under the guidance of a supervisor.

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December 2025