

**THE UNIVERSITY OF HONG KONG
FACULTY OF SCIENCE**

**Credit Unit Statement
Master of Statistics (MStat)**

(applicable to students admitted in the academic year 2023-24 and thereafter)

1. General guideline for contact hours requirement in the MStat Degree Curriculum

- (a) A 6-credit course has around 120-180 total study hours, including contact hours, study time, assignment and assessment.
- (b) A 3-credit course has around 60-90 total study hours, including contact hours, study time, assignment and assessment.
- (c) About 30% of the total study hours are actual contact hours in the form of a class, e.g. lecture and tutorial/discussion hours.
- (d) A 6-credit lecture-based course has around 24-36 lecture hours.
- (e) A 3-credit lecture-based course has around 12-18 lecture hours.
- (f) For lecture-based courses, normally there will be tutorial sessions.
- (g) For courses employing a non-lecture or lab-based approach, e.g. IT-based or project-based courses, students are expected to devote about 60-90 hours for a 3-credit course and 120-180 hours for a 6-credit course.

2. Credit Unit Statement of the MStat Degree Curriculum

Total study load of the curriculum: 1500 learning hours (total contact hours approximate 400 inclusive)

The MStat degree curriculum consists of five major types of courses based on the learning activities. The majority of courses in the programmes are 6 credits. Examples of the contact hour requirements for the five categories of courses are described as follows.

(a) Lecture-based courses (3 or 6 credits)

Contact hours for 6-credit course: 24-36 hours of lectures and/or tutorials

Contact hours for 3-credit course: 12-18 hours of lectures and/or tutorials

These courses are taught predominantly by lectures and tutorials. Assessment is by a combination of examination (0-75%) and continuous assessment (25-100%). Continuous assessment tasks include written assessments (totalling no more than 8,000 words) such as assignments and written reports, class tests, and oral presentations. The requirement for a 3-credit lecture-based course will be about one-half of that of a 6-credit lecture-based course. Details of the assessment tasks can be found in the description of individual courses.

(b) IT Workshop course (3 credits)

Contact hours: 27-33 hours of workshop

This course aims at enriching the student's IT knowledge and skills and encourage group work through computer hands-on activities. Students are expected to spend an additional 50 hours on self-study and writing report. Continuous assessment tasks (100%) include assignments or quizzes, and group project assessment in the form of a written report (totalling no more than 4,000 words) or an oral presentation. Details of the assessment tasks can be found in the description of the course.

(c) Project-based courses (6 credits)

Contact hours: 10-20 hours of discussion

These courses aim at providing students with an opportunity to pursue their own research interest under the supervision of a teacher. The teacher normally meets with students weekly

to discuss project progress. Assessment task (by 100% coursework) is normally through research reports or a dissertation (totalling no more than 20,000 words). Oral presentation will form part of the assessment. Details of the assessment tasks can be found in the description of individual courses.

(d) Practicum (6 credits)

Contact hours: 160 hours of internship work

Practicum aims to offer students an opportunity to gain work experience related to statistics or risk management. Students have to undertake at least 160 hours of internship work arranged formally or within their current place of employment for part-time students. Assessment tasks (100%) normally include the following outputs: a written report of no more than 2,000 words and feedback from the internship supervisor and an oral presentation on students' internship experience. Details of the assessment tasks can be found in the description of the course.

(e) Career-related Workshop course (0 credit)

Contact hours: 15-17 hours of workshop

The course aims to facilitate students in making informed career choices, provide practical training to enrich communication, presentation, time management and advanced interview skills, and to enhance students' overall competitiveness in the employment markets. Students are expected to spend 10-15 hours on coursework. Students will be assessed on a Distinction ($\geq 80\%$)/Pass (50-79%)/Fail ($< 50\%$) basis. Continuous assessment tasks (100%) include mock application for job with a mock interview (10-15 minutes per student), CV and cover letter writing of approximately 1,000 words, and group discussion with presentation of around 2 hours on case studies. Details of the assessment tasks can be found in the description of the course.