

STA2001 Probability and Statistics I

The Chinese University of Hong Kong, Shenzhen, Summer 2024

Instructor:

Prof. Shi Pu

Email: pushi@cuhk.edu.cn

Office Hours: Tuesday 10:00 AM – 12:00 PM

Location: Dao Yuan Bldg 506b

Meeting Times/Location:

Time: Monday 10:30 AM – 12:20 PM, Wednesday & Friday 8:30 AM – 10:20 AM

Location: TA 101

Tutorial Sessions Hour:

Time: Tuesday & Wednesday 7:00 PM – 7:50 PM

Location: TB 104

Instructors: Bohao Ma & Chenguang Wang

Reference Books:

1. Required: Hogg, R. V., Tanis, E. A. Zimmerman, D. L. (2015)
Probability and Statistical Inference, 9th edition, Pearson.
2. Recommended: Hogg, McKean and Craig (2005)
Introduction to mathematical statistics, 6th edition, Prentice Hall.

Course Website:

<https://bb.cuhk.edu.cn/> and find STA2001. All course materials will be posted there.

Teaching Assistants:

Bohao Ma

Email: bohaoma@link.cuhk.edu.cn

Office Hours: Thur. 18:30 – 20:30 (before June/28)

Location: Old lib 4/F, inner room

Chenguang Wang

Email: chenguangwang@link.cuhk.edu.cn

Thur. 18:30 – 20:30 (after June/28)

TXB 611

Homework: About 6 assignments (late submission not allowed).

Grading: Grades will be based upon homework assignments, a midterm exam and a final exam.

Midterm Exam (around 24 multiple choice problems and 2 regular problems, no make-up exam): **June 29 (9:00 AM - 12:00 PM)**

Final Exam (around 10 regular problems, 50% from assignments, if necessary, there would be 1 make-up exam): TBD

Course grades will be broken down as follows:

Midterm	30%
Final Exam	50%
Homework	20%

Course Outline:

<u>Week</u>	<u>Topics</u>
1	Sections 1.1-1.5
2	Sections 2.1-2.6
3	Sections 3.1-3.3
4	Sections 4.1-4.2; Half-time Review and Mid-term Exam
5	Sections 4.3-4.5, 5.1-5.3
6	Sections 5.3-5.7
7	Sections 5.7-5.9; Full-time Review