



**CMED7100 Introduction to Biostatistics (Semester 1)**

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| <b>Course Coordinator(s):</b>     | Professor ALI, Sheikh Taslim, School of Public Health<br>(Tel.: 3910 3825; Email: <a href="mailto:alist15@hku.hk">alist15@hku.hk</a> )                                       |
| <b>Delivery Mode of Lectures:</b> | Face-to-face                                                                                                                                                                 |
| <b>Lecture Venue:</b>             | Lecture Theatres 3 & 4, G/F, William MW Mong Block, No. 21 Sassoon Road<br># Lecture Theatre 2, No. 3 Sassoon Road<br>* QTLT, 2/F, Room 02-014, Block T, Queen Mary Hospital |
| <b>Mid-term Examination:</b>      | <b>Saturday, October 12, 2024 (9:30 – 11:30 am)</b><br><b>HKJC-S1-3, G/F, Room G-05, The HKJC Bldg for Interdisciplinary Research</b>                                        |
| <b>Final Examination:</b>         | <b>Saturday, December 7, 2024 (9:30 – 11:30 am)</b><br><b>3/F, Multi-purpose Zone, Main Library, HKU Main Campus</b>                                                         |

| <u>Week</u> | <u>Venue</u>     | <u>Date</u>             | <u>Time</u>        | <u>Lecture Topic</u>        | <u>Lecturer</u>  |
|-------------|------------------|-------------------------|--------------------|-----------------------------|------------------|
| 1           | 3SR-LT2#         | 07.09.2024 (Sat)        | 08:30-10:30        | Exploratory data analysis   | Professor ST Ali |
| 2           | 3SR-LT2#         | 14.09.2024 (Sat)        | 08:30-10:30        | Correlation and regression  | Professor ST Ali |
| 3           | TBC              | TBC                     | TBC                | Practical 1                 | Tutors           |
|             | 3SR-LT2#         | 21.09.2024 (Sat)        | 08:30-10:30        | Probability                 | Professor ST Ali |
| 4           | 3SR-LT2#         | 28.09.2024 (Sat)        | 08:30-10:30        | Statistical inference       | Professor ST Ali |
| 5           | LTs 3&4          | 05.10.2024 (Sat)        | 08:30-10:30        | Hypothesis tests            | Professor ST Ali |
| 6           | TBC              | TBC                     | TBC                | Practical 2                 | Tutors           |
|             | <b>HKJC-S1-3</b> | <b>12.10.2024 (Sat)</b> | <b>09:30-11:30</b> | <b>Mid-term Examination</b> | Tutors           |
| 7           | QTLT*            | 02.11.2024 (Sat)        | 08:30-10:30        | Designing studies           | Professor ST Ali |
| 8           | TBC              | TBC                     | TBC                | Practical 3                 | Tutors           |
|             | QTLT*            | 09.11.2024 (Sat)        | 08:30-10:30        | Applied regression          | Professor ST Ali |
| 9           | TBC              | TBC                     | TBC                | Practical 4                 | Tutors           |
|             | LTs 3&4          | 16.11.2024 (Sat)        | 08:30-10:30        | Analysis of survival data   | Professor ST Ali |
| 10          | LTs 3&4          | 23.11.2024 (Sat)        | 08:30-10:30        | Statistics in practice      | Professor ST Ali |
| 11          | TBC              | TBC                     | TBC                | Tutorial                    | Tutors           |
| 12          | <b>TBC, HKU</b>  | <b>07.12.2024 (Sat)</b> | <b>09:30-11:30</b> | <b>Examination</b>          | Tutors           |

**Assessment:**

- Assignments – 25%
- Mid-term examination – 25%
- Final examination – 50%

Tutors: Dr Yuan Bai; Dr Daniel Lau; Dr Jessica Wong; Dr Bingyi Yang

Tutorial Assistants: Ms Dongxuan Chen; Ms Stephanie Gao; Ms Faith Ho; Mr Can Wang; Ms Shuyi Zhong

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