



**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 Theatre 1, 1/F, No. 3 Sassoon Road<br>QTLT, 2/F, Room 02-014, Block T, Queen Mary Hospital                                                                                                                                                                                                                        |
| <b>Mid-term Examination:</b>      | <b>Saturday, October 18, 2025 (9:30 – 11:30 am)</b><br><b>HKJC-S1&amp;S3, G/F, Room G-01,02&amp;05, The HKJC Bldg for Interdisciplinary Research</b><br><b>3SR-SR4, Seminar Room403, 4/F, HKUMed Academic Building, 3 Sassoon Road</b><br><b>3SR-SR5, Seminar Room 603, 6/F, HKUMed Academic Building, 3 Sassoon Road</b> |
| <b>Final Examination:</b>         | <b>Saturday, December 13, 2025 (9:30 – 11:30 am)</b><br><b>TBC, HKU Main Campus</b>                                                                                                                                                                                                                                       |

| <u>Week</u> | <u>Venue</u>                                  | <u>Date</u>             | <u>Time</u>        | <u>Lecture Topic</u>                       | <u>Lecturer</u>    |
|-------------|-----------------------------------------------|-------------------------|--------------------|--------------------------------------------|--------------------|
|             | <b>Zoom</b>                                   | 03.09.2025 (Wed)        | 19:00 – 21:00      | Know your course:<br>Biostatistics for all | Prof ST Ali/Tutors |
| 1           | 3SR-LT1                                       | 06.09.2025 (Sat)        | 08:30-10:30        | Exploratory data analysis                  | Professor ST Ali   |
| 2           | 3SR-LT1                                       | 13.09.2025 (Sat)        | 08:30-10:30        | Correlation and regression                 | Professor ST Ali   |
| 3           | TBC                                           | TBC                     | TBC                | Practical 1                                | Tutors             |
|             | 3SR-LT1                                       | 20.09.2025 (Sat)        | 08:30-10:30        | Probability                                | Professor ST Ali   |
| 4           | 3SR-LT1                                       | 27.09.2025 (Sat)        | 08:30-10:30        | Statistical inference                      | Professor ST Ali   |
| 5           | 3SR-LT1                                       | 11.10.2025 (Sat)        | 08:30-10:30        | Hypothesis tests                           | Professor ST Ali   |
| 6           | TBC                                           | TBC                     | TBC                | Practical 2                                | Tutors             |
|             | <b>HKJC-S1 &amp; S3<br/>3SR-SR4 &amp; SR5</b> | <b>18.10.2025 (Sat)</b> | <b>09:30-11:30</b> | <b>Mid-term Examination</b>                | Tutors             |
| 7           | 3SR-LT1                                       | 08.11.2025 (Sat)        | 08:30-10:30        | Designing studies                          | Professor ST Ali   |
| 8           | TBC                                           | TBC                     | TBC                | Practical 3                                | Tutors             |
|             | 3SR-LT1                                       | 15.11.2025 (Sat)        | 08:30-10:30        | Applied regression                         | Professor ST Ali   |
| 9           | TBC                                           | TBC                     | TBC                | Practical 4                                | Tutors             |
|             | QTLT                                          | 22.11.2025 (Sat)        | 08:30-10:30        | Analysis of survival data                  | Professor ST Ali   |
| 10          | 3SR-LT1                                       | 29.11.2025 (Sat)        | 08:30-10:30        | Statistics in practice                     | Professor ST Ali   |
| 11          | TBC                                           | TBC                     | TBC                | Tutorial                                   | Tutors             |
| 12          | <b>TBC, HKU</b>                               | <b>13.12.2025 (Sat)</b> | <b>09:30-11:30</b> | <b>Examination</b>                         | Tutors             |

**Assessment:**

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

Tutors: Dr. Md Pear Hossain; Dr. Daniel Lau; Dr. Huiying Chua; Dr Dong Wang

Tutorial Assistants: Mr Mingwei Li; Mr Can Wang; Ms Shuyi Zhong; Ms. Hoi Ting Law; Ms Yu Meng

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