

Faculty of Epidemiology & Population Health, London School of Hygiene & Tropical Medicine

Introductory Course in Epidemiology & Medical Statistics

TIMETABLE - Provisional

WEEK ONE

| TIME | MONDAY 25th JUNE | TUESDAY 26th JUNE | WEDNESDAY 27th JUNE | THURSDAY 28th JUNE | FRIDAY 29th JUNE |
|-------------|--|--|---|--|--|
| 09.30-10.30 | REGISTRATION INTRODUCTION (10.00) | SESSION 3: Data and Distributions | SESSION 5: Case-control studies | SESSION 6: Cohort studies | SESSION 8: Statistical Inference I |
| 11.00-12.30 | SESSION 1: Introduction to Epidemiology and Medical Statistics | Practical 3 | Practical 5 | Practical 6 | SESSION 8 cont... Statistical Inference II |
| 12:30-2:00 | | | | | |
| 2.00-3.00 | SESSION 2: Measuring health and disease | SESSION 4: Overview of Study Design & Descriptive, ecological and cross-sectional studies | STATA I – Introduction to data analysis 2.00-3.00 3.30-5.00 | SESSION 7: Intervention studies | SESSION 9: Measures of effect and impact |
| 3.30-5.00 | Practical 2 | Practical 4 | | Practical 7 | Practical 9 |
| 5.00 | WELCOME PARTY – Lower Cafe Area | | | | |

WEEK TWO

| TIME | MONDAY 2nd JULY | TUESDAY 3rd JULY | WEDNESDAY 4th JULY | THURSDAY 5th JULY | FRIDAY 6th JULY |
|--------------------|---|---|---|--|---|
| 09.30-10.30 | SESSION 10: Errors, biases & confounding | SESSION 12: Confounding and stratification | SESSION 14: Prevention strategies | SESSION 16: Further analysis of 2x2 tables | SESSION 17: Life tables |
| 11.00-12.30 | Practical 10 | Practical 12 | Practical 14 | Practical 16 | Practical 17 |
| 2.00-3.00 | SESSION 11: Analysis of categorical data | SESSION 13: Analysing quantitative data | SESSION 15: Errors in exposure and outcome measurement | STATA II – Analysis of categorical variables- Part I 2.00-3.00 Analysis of categorical variables- Part II 3.30-5.00 | SESSION 18: Epidemiology to Policy - Male circumcision and HIV |
| 3.30-5.00 | Practical 11 | Practical 13 | Practical 15 | | WRAP-UP Session: |
| 5.30 | | | | | |

WEEK THREE

| TIME | MONDAY 9th JULY | TUESDAY 10th JULY | WEDNESDAY 11th JULY | THURSDAY 12th JULY | FRIDAY 13th JULY |
|--------------------|---|---|--|--|--|
| 9.30-10.30 | SESSION 19: Regression and correlation | SESSION 21: Infectious disease epidemiology | Practical 22b: Multiple logistic regression | SESSION 24: Sampling | SESSION 26: Systematic Reviews and Meta-analysis (9:30-11.00) |
| 11.00-12.30 | STATA III: Analysis of quantitative data | Practical 21 | Session 23: Problem-Based Exercise – (Non-Computer) | Practical 24 | REVISION session (11.30-12:30) |
| 2.00-3.00 | SESSION 20: Controlling for age | SESSION 22: Introduction to logistic regression | STATA IV: Part I Problem-based Exercise – (Computer based) | SESSION 25: Sample size and power | COURSE EVALUATION: - |
| 3.30-5.00 | Practical 20 | Practical 22a: Introduction to logistic regression | STATA IV: Part II Problem-based Exercise – (Computer based) | Practical 25 | Drinks Reception (3.00 onwards) |