

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

**Introductory Course in Epidemiology & Medical Statistics**

**TIMETABLE - Provisional**

**WEEK ONE**

TIME	MONDAY 25 <sup>th</sup> JUNE	TUESDAY 26 <sup>th</sup> JUNE	WEDNESDAY 27 <sup>th</sup> JUNE	THURSDAY 28 <sup>th</sup> JUNE	FRIDAY 29 <sup>th</sup> JUNE
09.30-10.30	<b>REGISTRATION</b>  <b>INTRODUCTION (10.00)</b>	<b>SESSION 3:</b> Data and Distributions	<b>SESSION 5:</b> Case-control studies	<b>SESSION 6:</b> Cohort studies	<b>SESSION 8:</b> Statistical Inference I
11.00-12.30	<b>SESSION 1:</b> Introduction to Epidemiology and Medical Statistics	Practical 3	Practical 5	Practical 6	<b>SESSION 8 cont...</b> Statistical Inference II
12:30-2:00					
2.00-3.00	<b>SESSION 2:</b> Measuring health and disease	<b>SESSION 4:</b> Overview of Study Design & Descriptive, ecological and cross-sectional studies	<b>STATA I –</b> Introduction to data analysis 2.00-3.00 3.30-5.00	<b>SESSION 7:</b> Intervention studies	<b>SESSION 9:</b> 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	<b>SESSION 10:</b> Errors, biases & confounding	<b>SESSION 12:</b> Confounding and stratification	<b>SESSION 14:</b> Prevention strategies	<b>SESSION 16:</b> Further analysis of 2x2 tables	<b>SESSION 17:</b> Life tables
11.00-12.30	Practical 10	Practical 12	Practical 14	Practical 16	Practical 17
2.00-3.00	<b>SESSION 11:</b> Analysis of categorical data	<b>SESSION 13:</b> Analysing quantitative data	<b>SESSION 15:</b> Errors in exposure and outcome measurement	<b>STATA II –</b> Analysis of categorical variables- Part I 2.00-3.00 <b>Analysis of categorical variables- Part II</b> 3.30-5.00	<b>SESSION 18:</b> Epidemiology to Policy - Male circumcision and HIV
3.30-5.00	Practical 11	Practical 13	Practical 15		<b>WRAP-UP Session:</b>
5.30					

**WEEK THREE**

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