

**Introductory Course in Epidemiology & Medical Statistics**

**11<sup>th</sup> November -29<sup>th</sup> November 2019**

**TIMETABLE - VERSION Provisional 2019**

**WEEK ONE**

<b>TIME</b>	<b>MONDAY 11 NOVEMBER</b>	<b>TUESDAY 12 NOVEMBER</b>	<b>WEDNESDAY 13 NOVEMBER</b>	<b>THURSDAY 14 NOVEMBER</b>	<b>FRIDAY 15 NOVEMBER</b>
<b>09.30- 10.30</b>	<b>REGISTRATION</b> Tea/coffee (09.00-10.00)  <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
<b>11.00- 12.30</b>	<b>SESSION 1:</b> Introduction to Epidemiology and Medical Statistics	<b>Practical 3</b>	<b>Practical 5</b>	<b>Practical 6</b>	<b>SESSION 8 cont...</b> Statistical Inference II
<b>12:30-2:00</b>			<b>1:20pm GROUP PHOTO</b>		
<b>2.00- 3.00</b>	<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	<b>SESSION 7:</b> Intervention studies	<b>SESSION 9:</b> Measures of effect and impact
<b>3.30- 5.00</b>	<b>Practical 2</b>	<b>Practical 4 –</b>		<b>Practical 7 –</b>	<b>Practical 9 –</b>
<b>5.00</b>	<b>WELCOME DRINK</b>				

**WEEK TWO**

<b>TIME</b>	<b>MONDAY 18 NOVEMBER</b>	<b>TUESDAY 19 NOVEMBER</b>	<b>WEDNESDAY 20 NOVEMBER</b>	<b>THURSDAY 21 NOVEMBER</b>	<b>FRIDAY 22 NOVEMBER</b>
<b>09.30-10.30</b>	<b>SESSION 10: Errors, biases &amp; confounding</b>	<b>SESSION 12: Confounding and stratification</b>	<b>SESSION 14: Errors in exposure and outcome measurement</b>	<b>SESSION 16: Further analysis of 2x2 tables</b>	<b>SESSION 17: Life tables</b>
<b>11.00-12.30</b>	<b>Practical 10</b>	<b>Practical 12</b>	<b>Practical 14</b>	<b>Practical 16</b>	<b>Practical 17</b>
<b>2.00-3.00</b>	<b>SESSION 11: Analysis of categorical data</b>	<b>SESSION 13: Analysing quantitative data</b>	<b>SESSION 15: Prevention strategies</b>	<b>STATA II – Analysis of categorical variables- Part I</b>	<b>SESSION 18: Epidemiology to Policy -</b>
<b>3.30-5.00</b>	<b>Practical 11 –</b>	<b>Practical 13 –</b>	<b>Practical 15 –</b>		<b>WRAP-UP Session:</b>

**WEEK THREE**

<b>TIME</b>	<b>MONDAY 25 NOVEMBER</b>	<b>TUESDAY 26 NOVEMBER</b>	<b>WEDNESDAY 27 NOVEMBER</b>	<b>THURSDAY 28 NOVEMBER</b>	<b>FRIDAY 29 NOVEMBER</b>
<b>9.30-10.30</b>	<b>SESSION 19: Regression and correlation</b>	<b>SESSION 21: Introduction to logistic regression</b>	<b>SESSION 23 Infectious Disease Epidemiology</b>	<b>SESSION 24: Sampling</b>	<b>SESSION 26: Systematic Reviews and Meta-analysis (10.00-11.00)</b>
<b>11.00-12.30</b>	<b>STATA III: Analysis of quantitative data</b>	<b>Practical 21: Introduction to logistic regression</b>	<b>Practical 23 Infectious disease epidemiology</b>	<b>Practical 24: Sampling</b>	<b>REVISION session (11.30-1pm)</b>
<b>2.00-3.00</b>	<b>SESSION 20: Controlling for age</b>	<b>Practical 21a:  Multiple regression (computer based):</b>	<b>STATA IV: Part I  Problem-based Exercise – (Computer based)</b>	<b>SESSION 25: Sample size and power</b>	<b>COURSE EVALUATION:</b>
<b>3.30-5.00</b>	<b>Practical 20:</b>	<b>Session 22: Problem-Based Exercise – (Non-Computer)</b>	<b>STATA IV: Part II  Problem-based Exercise – (Computer based)</b>	<b>Practical 25:  Sample size &amp; power Epi-Info &amp; Stata</b>	<b>Graduation ceremony &amp; Farewell Diner</b>