

Introductory Course in Epidemiology & Medical Statistics

11th November -29th November 2019

TIMETABLE - VERSION Provisional 2019

WEEK ONE

TIME	MONDAY 11 NOVEMBER	TUESDAY 12 NOVEMBER	WEDNESDAY 13 NOVEMBER	THURSDAY 14 NOVEMBER	FRIDAY 15 NOVEMBER
09.30-10.30	REGISTRATION Tea/coffee (09.00-10.00) 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			1:20pm GROUP PHOTO		
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	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 DRINK				

WEEK TWO

TIME	MONDAY 18 NOVEMBER	TUESDAY 19 NOVEMBER	WEDNESDAY 20 NOVEMBER	THURSDAY 21 NOVEMBER	FRIDAY 22 NOVEMBER
09.30-10.30	SESSION 10: Errors, biases & confounding	SESSION 12: Confounding and stratification	SESSION 14: Errors in exposure and outcome measurement	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: Prevention strategies	STATA II – Analysis of categorical variables- Part I	SESSION 18: Epidemiology to Policy -
3.30-5.00	Practical 11 –	Practical 13 –	Practical 15 –		WRAP-UP Session:

WEEK THREE

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