MSC Public Health (2-16 and 1-17)
Biostatistics Module

Lectures:

No.	Topics	Faculty
1.	Introduction to Biostatistics	LMA
2.	Data Presentation	LMA
3.	Measures of Central Tendency	LMA
4.	Measures of Dispersion	LMA
5.	Normal Distribution and Transformation	HSR
6.	Sampling Distribution & Probability	HSR
7.	Sampling	HSR
8.	Hypothesis Testing & Confidence Interval	HSR
9.	Describing a Population (One Sample Test)	LMA
10.	Comparing Differences in Mean between Two or More Populations	LMA
11.	Comparing Differences in Proportions for Two or More Populations	LMA
12.	Determining Relationship between Variables (Measured at Interval Level)	HSR
13.	Determining Relationship between Variables (Measured at Nominal Level)	LMA
14.	Multivariate Analysis	HSR

In-course Assessments:

No.	Topics	Faculty
1.	Data Editing and Presentation	LMA
2.	Descriptive Statistics	LMA
3.	Normal Distribution and Transformation	HSR
4.	Sample Size Calculation	HSR
5.	Confidence Interval	HSR
6.	One Sample Test	LMA
7.	Two Sample t-test	LMA
8.	Analysing Relationship	HSR
9.	Relative Risk and Odds Ratio	LMA
10.	Multivariate Analysis	HSR
11.	Statistical Computing using SPSS	LMA/HSR