

Course Schedule (Tentative)

Day	Date	Topic	Resource Person
1.	29 th Oct (Wednesday)	• Pre-test	
		• Ethics in Health Research and Ethical review	Prof. Dr. Dinesh Kumar Lamsal
2.	30 th Oct (Thursday)	• Introduction to Research	Dr. Bishal Pokherel
		• Choosing Research Title	Dr. Roshan Kumar Chaudhary
3.	31 st Oct (Tuesday)	• Introduction to Clinical Research; Clinical Trials	Prof. Dr. Pradip Gyanwali
		• Literature search through R4L, Pub Med, Google Scholar	Dr. Bishal Pokherel
4.	2 nd Nov (Sunday)	• Literature review and Critical appraisal of literature	Dr. Roshan Kumar Chaudhary
		• Formulation of research question, objective and hypothesis	Dr. Bishal Pokherel
5.	3 rd Nov (Monday)	Types of Research and Study Designs	Mr. Namra Kumar Mahato
		• Quantitative research design	
		• Qualitative research design	Mr. Namra Kumar Mahato
6.	4 th Nov (Tuesday)	• Sampling theory	Mr. Keshav Raj Bhandari
		• sample size calculation concept	Mr. Keshav Raj Bhandari
7.	5 th Nov (Wednesday)	• Data collection tools and techniques	Mr. Namra Kumar Mahato
		• Bias and confounding	Mr. Namra Kumar Mahato
8.	6 th Nov (Thursday)	Basics of Biostatistics	Mr. Keshav Raj Bhandari
		• Introduction to Biostatistics • Measure of dispersion with skewness and kurtosis and Measurement of central tendency	
		• Normal distribution • Overview of Descriptive Statistics and Inferential Statistics	Mr. Keshav Raj Bhandari
9.	7 th Nov (Friday)	• Data Entry Process, Data Editing, Data Cleaning (Excel)	Dr. Bishal Pokherel

		• Concept on different types of data; variable and collection of data and Different types of diagram charts and table	Mr. Keshav Raj Bhandari
10.	9 th Nov (Sunday)	• Scientific Misconduct: Plagiarism Falsification and Fabrication	Dr. Bishal Pokherel
		• Introduction to basic concepts of SPSS Software packages	Mr. Keshav Raj Bhandari
11.	10 th Nov (Monday)	• Statistical analysis and choosing appropriate statistical test • Parametric and Non-Parametric Test	Dr. Bishal Pokherel
		• Co-relation and regression analysis (Bivariate and Multivariate)	Mr. Keshav Raj Bhandari
12.	11 th Nov (Tuesday)	• Research Proposal Guideline	Dr. Roshan Kumar Chaudhary
		• Research Proposal presentation format	Dr. Roshan Kumar Chaudhary
13	12 th Nov (Wednesday)	• Thesis Guidelines (1)	Dr. Roshan Kumar Chaudhary
		• Thesis Guidelines (2)	Dr. Roshan Kumar Chaudhary
14	13 th Nov (Thursday)	• Referencing style	Mr. Namra Kumar Mahato
		• Use of referencing software Demonstration on Endnote, Mendeley and Zotero • Post test • Summarization and interactive session/ Feedback	Mr. Namra Kumar Mahato

(Note: There might be slight changes in the schedule if necessary).