

## Program

### Workshop on Research Methodology 2023

31 July to 4 August 2023

The Research Methodology course is partly based on, and promotes the [Researcher Development Framework \(RDF\)](#). Based on the RDF, our **workshop objectives** articulate the knowledge and skill attributes of successful researchers and encourage them to realize their potential. The researcher's attitude is highlighted as integral to the process.

### DAY 1

Module	Topic	Time	Date	Proposed Resource Person/s	Learning Objectives	Venue
<b>Database Research</b>	Advanced Search Techniques / E-Library	10:00am - 11:30 pm	Monday, 31 <sup>st</sup> July	<a href="#">Mehreen Tahir</a>	The session will demonstrate how to: a) Run effective literature searches using electronic resources, using keywords, search statements, and other advanced search techniques b) Evaluate online information sources and websites c) Understand the concept of cited reference and power searching with google	SISS, UOL
<b>Tea Break</b> 11:30 am - 12:00 pm						

<b>Database Research</b>	Citations Manager	12:00 pm - 1:00 pm	Monday, 31 <sup>st</sup> July	<a href="#">Mehreen Tahir</a>	In this session you will learn: a) How to use the software packages- 'Citation managers' to create personalized databases of citation information and notes b) You will understand how you can import and organize citation information from article indexes and other sources  <b>NOTE:</b> This is a demonstration only session on Mendeley	SISS, UOL
<b>Lunch</b> <b>01:00 pm - 02:00 pm</b>						
<b>DAY 2</b>						
<b>Proposal Writing</b>	Research Proposal Writing in Social Sciences Research	10:00 am - 11:30 pm	Tuesday, 1 <sup>st</sup> August	<a href="#">Sara Rizvi Jafree</a>	In this session, you will discuss the style and form of a research proposal in social sciences. You will also learn about the key components of research and how these are presented in the research writing	SISS, UOL
<b>Tea Break</b> <b>11:30 am - 12:00 pm</b>						
<b>Examination of Theoretical Frameworks</b>	Theories and Research in Public Policy	12:00 pm - 1:00 pm	Tuesday, 1 <sup>st</sup> August	Dr. Abdullah Khosso	Through this module, participants will delve into the diverse theoretical foundations and methodological approaches that underpin public policy research, offering an in-depth examination of various political theories that shape policy formation.	SISS, UOL
<b>Lunch</b>						

01:00 pm - 02:00 pm						
<b>DAY 3</b>						
<b>Tools for Research</b>	Statistical Methods for Research	10:00 am - 11:00 am	Wednesday, 2 <sup>nd</sup> August	<a href="#">Itrat Naqvi</a>	This session will prepare you for: a) Basic statistical methods for the quantitative analysis b) Descriptive Statistical Methods and their appropriate usage c) Translating an application hypothesis to the statistical hypothesis d) Using appropriate hypothesis testing and making sense of the outcomes for interpretation and application to the real-life problems e) Basic regression analysis, hands-on practice, R Software	CPPG, FCCU
<b>Tea Break</b> 11:00 am - 11:30 am						
<b>Tools for Research</b>	Quantitative Methods Using SPSS	11:30 pm - 01:30 pm	Wednesday, 2 <sup>nd</sup> August	<a href="#">Sharoon Hanook</a>	This hands-on workshop, spread over 2 hrs, will provide an introduction to the SPSS, a basic understanding of the environment, and will equip you with the data coding and analysis of the quantitative data. In this session you will get to learn to: a) Code, enter, and import datasets from various platforms b) Select and perform appropriate descriptive statistical methods to summarize data c) Perform and interpret basic statistical tests d) Fit linear regression models and interpret the results with applications to the real-life datasets	CPPG, FCCU

<p><b>Lunch</b> <b>01:30 pm - 02:00 pm</b> <b>End - Day 3</b></p>						
<b>DAY 4</b>						
<b>Bridging the Gap</b>	Research in Social Sciences and Public Policy	10: 00 am - 11:30 am	Thursday, 3 <sup>rd</sup> August	Dr. Saeed Shafqat	The module aims to provide participants with the necessary skills and knowledge to conduct rigorous and valid research in social sciences and public policy. Throughout the workshop, participants will learn about the principles and practices of research methodology.	CPPG, FCCU
<p><b>Tea Break</b> <b>11:30 am - 12:00 pm</b></p>						
<b>Quantitative Analysis</b>	Interpreting Data	12:00 pm - 1:00 pm	Thursday, 3 <sup>rd</sup> August	Dr. Rovidad	During this brief session, students will be introduced to different types of variables and data collection methods. The aim is to provide support for analyzing interventions using various statistical techniques. Currently, there is a growing interest in intervention analysis, particularly in analyzing existing policies. The session will familiarize students with the difference-in-differences method, which involves comparing a treatment group with a control group. Special attention will be given to the use of SPSS, a statistical software, for data analysis. Finally, the session will briefly cover the interpretation of results obtained from analyzing data using the difference-in-differences method with SPSS.	CPPG, FCCU

					<p><b>Key Takeaways:</b> By the end of the session, students will gain an understanding of: Causal inferences; Interventionism; Difference-in-differences analysis; SPSS; Interpretation of results</p>	
<p><b>DAY 5</b></p> <p><b>Lunch</b> <b>1:00 pm - 2:00 pm</b></p>						
<b>Critical Thinking</b>	Deconstruct what you know	9.30am-10.30am		Dr. Rabia Akhtar	Critical thinking is an essential skill for any academic discipline, as it enables students to question assumptions, analyze evidence, and form unbiased conclusions. The objective of this proposed module is to provide students with a comprehensive understanding of the role of critical thinking in social science research. The module will be structured around three core interrelated themes: (1) conceptualizing critical thinking in social science research, (2) applying critical thinking in research design and analysis, and (3) evaluating the outcomes of social science research by using critical thinking skills.	
<b>Qualitative Research (Data Collection Technique)</b>	Interviews / Elite Interviews	10.30m-12:00 pm	Friday, 4 <sup>th</sup> August	Dr. Abeeda	This module will enable participants to understand the rationale for choosing 'Interview' as a data collection Technique; arrange and conducting interviews using a variety of Sampling methods and; develop an understanding on how to analyze the interview data by using appropriate data analysis approaches.	SISS, UOL
<b>Closing Ceremony</b>		12:00pm - 01:00 pm	Friday, 4 <sup>th</sup> August	M. Ahsan	Closing remarks by the Director CSSPR and Director CPPG Certificate and Souvenir distribution	SISS, UOL