

Department of Gender Studies
Faculty of Behavioral and Social Sciences
University of the Punjab, Lahore
Course Outline



Program	BS Gender Studies	Course Code	GS 116	Credit Hours	3
Course Title	Quantitative Research Methodology				
Course Introduction					
This course will help novice researchers to design, collect, and analyze quantitative data and then present their results to the scientific community. It stresses the importance of ethics in quantitative research and taking the time to properly design and think through any research endeavor.					
Learning Outcomes					
After completion of this course, the students will be able to: 1. Understand the traditional as well as emerging research methods used in social sciences; 2. Get an overview on the various phases of carrying out research: planning the research study, selecting appropriate methods for data collection, analyzing the data and reporting the results; 3. Apply quantitative research methods in social sciences with special reference to the gender related issues in the society.					
Course Content				Assignments/Readings	
Week 1	Introduction of Research - Sources of Knowledge - Need and scope of research in social sciences				
Week 2	The Research Process - Scientific Method - Theoretical Foundation of Scientific Method			Dossten, Hotchkiss (2004). Research Methods and Society. Pearson Education.	
	- Use of Scientific Method in Social Sciences - Classification of Research by Purpose - Classification of Research by Strategy			Assignment on the importance of Research in social sciences	
Week 3	Research Problem Selection & Sources				
	- Developing Statement Problem - Development Conceptual Framework				
Week 4	Review of Related Literature - Need - Sources			Neuman, L. W. (2007). Social research methods, 6/E. Pearson Education India.	

	- Assembling Literature - Writing in logical order	
Week 5	Variables & Hypotheses - Type of variables - Control of Variables - Formulation and statement of hypotheses	Neuman, L. W. (2007). Social research methods, 6/E. Pearson Education India.
	- Types of hypotheses - Stating the Hypotheses - Testing the Hypotheses	
Week 6	Types of Research - Types of research by Purpose - Basic Research - Applied Research - Action Research	Pandey, P., & Pandey, M. M. (2021). Research methodology tools and techniques. Bridge Center.
	- Types of research by Methods - Historical research - Experimental Research - Descriptive research	
Week 7	Sampling - Definition and Purpose - Sampling Frame	
	- Methods of Selecting a Sample - Probability Sampling - Non-Probability Sampling	
Week 8	Types of Instruments for Data Collection - Tests - Questionnaire - Interview Schedule - Observation Schedule	Singh, Y. K. (2006). Fundamental of research methodology and statistics. New Age International.
	- Checklist. - Rating Scales and other Instruments - Criteria for Selection of Instruments	
Week 9	Types of Quantitative Research - Surveys - Correlational Studies	
	- Causal Comparative - Experimental Research - Experimental Designs	
Week	Validity & Reliability Types of Validity	Stangor, C. (2014). Research methods for the behavioral sciences. Cengage Learning

10	Types of Reliability	
Week 11	Designing a Research Proposal - Format of the research proposal - Statement of the problem - Purpose of the study - Definitions, assumption and limitations - Review of Related literature - Theoretical framework	Mackenzie, N., & Knipe, S. (2006). Research dilemmas: Paradigms, methods and methodology. Issues in educational research, 16(2), 193-205.
	- Hypotheses and questions - Proposed research procedures - Ethical Considerations - Time schedule - Conclusion	
Week 12	Writing Research Report	
Week 13	Citation and Reference APA Style (recent edition)	
Week 14 to 16	Students Presentation on developed Research Proposal related to "Gender and Climate Change".	
Textbooks and Reading Material		
Bernard, H. R., & Bernard, H. R. (2013). Social research methods: Qualitative and quantitative approaches. Sage. Dossten, Hotchkiss (2004). Research Methods and Society. Pearson Education. Education. Karachi: Oxford University Press.		
Teaching Learning Strategies		
1. Working on Assignments 2. Presentations 3. Group Discussions 4. Individual Assessment 5. Quizzes		
Assignments: Types and Number with Calendar		
Assignment on the importance of Research in social sciences Made groups for choosing different topics and write a research Proposal		