



**DEPARTMENT OF ARCHITECTURE
UNIVERSITY OF THE PUNJAB, LAHORE.**

**BACHELORS OF ARCHITECTURE (B. ARCH)
5 YEARS PROGRAM**

COURSE OUTLINE

Course Title	Research Methodology
Course Code	ARCH-482
Credit Hours	2
Semester	8th Semester / Spring
Prerequisites	NA
Tutor	As per Timetable
Student Advising	As per Timetable
Contact	-

Teacher Signature

Chairman Signature

Course introduction

The course provides a broad view of how to become and progress as a researcher. It spans over a wide range of topics, from the historical development of scientific thought to research methodology, to the pragmatics of publication, research funding, evaluation, and promotion in a researcher's career. It also stresses the ethical aspects of research. The course is mainly directed to students engaging in research and beginning researchers. It may also be of interest for senior researcher in their role as supervisors or mentors, and to all those who are interested in how scientific research works.

Learning Objective:

The course will introduce students to the social research and will equip them with necessary skills to conduct both quantitative and qualitative social research in a professional and ethical manner.

Outcome

- To gain knowledge about research as a whole and each of its individualistic parts.
- To understands the concept of research and its purposes.
- To discuss the type of research.
- To understand different methods of research.
- To enlighten the process of research.
- To highlights the conceptual structure of the research design.

Learning Methodology:

- Lectures as provided in the schedule of the semester activities
- Study of Archival Material and recommended books
- Guest Lectures as per requirement
- Presentation on allocated topics

Grade Evaluation Criteria

Following, is the criteria for the distribution of marks to evaluate final grade in a semester.

Marks Evaluation	Marks in percentage
Sessional (Assignments, Quizzes, Presentations)	30
Mid Term	30
Final examination	40
Total	100

Content	
Unit 1	Introduction to Research Methodology
Unit 2	What is research? Type of research
Unit 3	How to select research topic
Unit 4	What is abstract
Unit 5	Finalize Research Topics
Unit 6	How to write an introduction
Unit 7	Learn Citations
Unit 8	Workshop on Zotero
Unit 9	Mid Term Exam
Unit 10	Technical writing
Unit 11	Structure of the Main body of report
Unit 12	
Unit 13	Research Abbreviations
Unit 14	Lecture/Discussion by an External (For improvement & better learning of writing a research report)
Unit 15	Bibliography
Unit 16	Quiz
Unit 17	Final submission of report

Unit 18	Final Exam
Recommended Books/References	<ul style="list-style-type: none"> • Research Methodologies; Methods and Techniques (C.R Kothari) • Ethics and Visual Research Methods: Theory, Methodology, and Practice Deborah Warr, <u>Marilys Guillemin</u>, <u>Susan Cox</u>, <u>Jenny Waycott</u> (eds.) <u>Research Methodologies for Beginners</u> by Pan Stanford, CRC Press • Qualitative Research: Bridging the Conceptual, Theoretical, and Methodological by <u>Sharon M. Ravitch</u>, <u>Nicole C. Mittenfelner</u> <u>Carl</u> • chutt, R. K. (2012). Investigating the Social World: The Process and Practice of Research (7 th edition). Los Angeles: Sage.