



People's Democratic Republic of Algeria  
Ministry of Higher Education and Scientific Research  
Mohamed Kheider University of Biskra  
Faculty of Letters and Languages  
Department of English Language and  
Literature



# Research Methodology Syllabus

**Lecturer in charge:** Prof. Saliha CHELLI

**Level:** Master Two

**Semester:** Three

**Required books:**

- Cohen, L, Manion, L & Morison, K. ( 2007). Research methods in education. New York: Routledge
- Denzy, N & Lincoln, Yvonne, S. ( 2000, 2ed.). Handbook of qualitative research. London: Sage publications.
- DÖrneiy, Z. (2007). Research methods in applied linguistics: Quantitative, qualitative & mixed methodologies. Oxford: Oxford University Press.
- Kothari, C.R. (2004). Research methodology: Methods and techniques. New Age International Limited Publishers.
- Mackey, A & Gass, S.M. (2005). Second language research: Method and design. London Lawrence Erlbaum, Associate Publishers, Mahwah.
- Marczik, G, Dematteo, G & Festinger, D. (2005). Essentials of research design and methodology New Jersey: John Wiley & Sons.
- Miller, S. (1984). *Experimental design and statistics* (second Edn.). London and New York: Routledge
- Salking, N.J. (2012): 100 Questions and Answers about Research Methods. University of Kansas: Sage Publications.
- Walliman N. (2001): Your research project: A step-by-step guide for the first time researcher. London: Sage Publications

## Course description

The goal of research methodology is to learn how research is done and to put that knowledge into practice. This course is divided into three parts: the first part entitled getting started consists of introducing the elements of a research proposal and how to structure them. The second part is devoted to the identification of qualitative and quantitative research designs, the corresponding

research methods and analysis. The semester ends with how to write the most important parts of a dissertation, such as the abstract the general introduction and the general conclusion.

### Course objectives

This course is meant as preparation for master dissertations . Its main purpose is to introduce students to qualitative and quantitative research which will help them gain an overview of research methodology, design and analysis of data as well as the format of a dissertation.

### Lectures Schedule

MONTH	WEEK	LECTURE/ TUTORIAL	OBSERVATION
SEPTEMBER	4	<b>Introducing how to structure a research proposal</b>	
OCTOBER	1	<b>Part one: Introducing Qualitative research and quantitative research</b> <b>1. Introducing Qualitative research</b> Qualitative designs Qualitative research methods Types of qualitative analysis	
	3	<b>2. Introducing quantitative research:</b> Quantitative designs Quantitative research methods Qualitative analysis	
	4	<b>Part two: research methods (data gathering tools)</b> <b>1. Types of a questionnaire</b> <b>How to structure a questionnaire</b> The types of questions Which questions to be avoided	
NOVEMBER	1	<b>2. Types of interviews</b> <b>How to prepare an interview</b> How to deal with an interview	‘
	2	<b>3. Types of observations</b>  Examples of schemes/ checklists	
	3	<b>Part three: Data analysis</b> 1. Qualitative data analysis - Thematic analysis - Content analysis	<b>TEST</b>

	4	<b>2. Quantitative data analysis</b> <ul style="list-style-type: none"> <li>• Descriptive statistics (review)</li> <li>• Inferential statistics (testing the hypothesis)</li> <li>• How to compute the paired t-test</li> </ul>	
<b>DECEMBER</b>	1	<ul style="list-style-type: none"> <li>• How to compute the unpaired t-test</li> <li>• Running the t-tests using SPSS</li> </ul>	
	2	<b>Practice</b>	
	3	How to structure the abstract and general conclusion	
	4	<b>WINTER HOLIDAYS</b>	
<b>JANUARY</b>	1	<b>EXAMS</b>	
	2	<b>EXAMS</b>	

### **Further reading**

Chapters from the books listed above in addition to some pdfs will be selected to be used as assignments.

**Requirements:** The class schedule requires reading; therefore, doing the different assignments is compulsory before class to be ready to discuss the reading selected in each of them.

**Assessment:** A test and an exam based on the lectures and the readings given in the assignments