

**University Of Abdelhafid Boussof-Mila**

**Faculty of Economics, Commercial &**

**Management Sciences**

**Lecture five: Structuring Research Chapters: Introduction and Background, Methodology, Results and Data Analysis, Discussion, and Conclusion**



**Addressed To master one Students-Semester 2**

**Prepared & Presented by:**

**Ms. SARA MEZHOUD**

**Teacher of English Language**

**Academic Year 2025-2026**

## **1. Introduction**

Structuring research chapters is a fundamental step in academic research writing. A well-organized research paper or thesis allows readers to clearly understand the purpose, methods, findings, and conclusions of the study. Each chapter of academic research has a specific function, and all chapters work together to present a coherent and logical scientific investigation.

In academic research, the introduction and background present the research problem and context, the methodology explains how the research was conducted, the results and data analysis present the findings, and the discussion and conclusion interpret and summarize the study. Therefore, understanding how to structure research chapters is essential for producing high-quality academic research and successful theses or research papers.

## **2. Structuring the Introduction and Background Chapters**

The introduction and background chapters present the research topic, context, problem, objectives, and importance of the study.

They help readers understand:

- What the research is about
- Why the research is important
- What problem is being studied
- What the research aims to achieve

## **Structure of the Introduction Chapter**

### **1. General Background of the Topic**

Provide general information about the research area.

Example: Academic research writing plays an important role in higher education and scientific development.

## **2. Research Problem**

Explain the issue or gap in research.

Example: Many university students face difficulties in structuring academic research chapters.

## **3. Research Objectives**

State the goals of the research.

Example:

This study aims to analyze research writing difficulties among EFL students.

## **4. Research Questions**

Present the main research questions.

Example:

- What difficulties do students face in structuring research chapters?
- How can these difficulties be solved?

## **5. Significance of the Study**

Explain the importance of the research.

## **6. Structure of the Study**

Present the organization of chapters.

## **Background Chapter**

The background provides detailed context and theoretical explanation.

It includes:

- Historical context
- Theoretical framework

- Literature context
- Research environment

The background helps readers understand the foundation of the research.

### **3. Writing the Methodology Section**

#### **Definition**

The methodology section explains how the research was conducted and how data was collected and analyzed.

It answers the question:

**How was the research done?**

#### **Components of Methodology**

##### **Research Design**

Explains the type of research.

Examples:

- Qualitative research
- Quantitative research
- Mixed-method research

##### **Research Participants**

Describes:

- Sample size
- Population
- Characteristics of participants

##### **Research Instruments**

Tools used to collect data.

Examples:

- Questionnaire
- Interview
- Observation
- Test

### **Data Collection Procedure**

Explains how data was collected.

Example:

The questionnaire was distributed to students during class sessions.

### **Data Analysis**

Explains how data was analyzed.

Examples:

- Statistical analysis
- Thematic analysis
- Content analysis

## **4. Writing Results and Data Analysis Section**

### **Definition**

The results and data analysis section presents the findings of the research.

It shows:

- Collected data
- Tables and figures
- Statistical results
- Analysis of findings

## **Structure of Results Section**

### **Presenting Data**

Use:

- Tables
- Charts
- Graphs
- Numbers

Example:

The results show that 70% of students face difficulties in academic writing.

### **Explaining Data**

Describe what the data means.

Example:

This indicates that academic writing is a major challenge for students.

### **Organizing Results**

Results should follow research questions or objectives.

## **5. Writing the Discussion Section**

### **Definition**

The discussion section interprets and explains the results.

It answers the question:

**What do the results mean?**

## **Components of Discussion**

### **Interpretation of Results**

Explain findings.

Example: The results suggest that lack of training affects students' writing skills.

### **Comparison with Previous Studies**

Compare findings with literature.

Example: This result agrees with Smith (2020), who found similar difficulties.

### **Explanation of Findings**

Provide reasons for results.

### **Implications of Study**

Explain importance of findings.

Example: The study can help improve teaching methods.

## **6. Writing the Conclusion Section**

### **Definition**

The conclusion summarizes the entire research and presents final thoughts.

It is the final chapter of the research.

### **Components of Conclusion**

#### **Summary of Findings**

Restate main results.

#### **Restate Research Objectives**

Show how objectives were achieved.

### **Recommendations**

Provide suggestions.

Example:

Teachers should provide more training in academic writing.

### **Suggestions for Future Research**

Propose new research ideas.

## **7. Importance of Structuring Research Chapters**

Structuring research chapters is important because:

- It improves clarity
- It organizes research logically
- It helps readers understand the study
- It increases research quality
- It supports academic credibility
- It ensures coherence

Well-structured research is easier to read and evaluate

Structuring research chapters is essential in academic research writing. The introduction and background present the research context, the methodology explains how the research was conducted, the results present findings, and the discussion and conclusion interpret and summarize the study. A clear structure ensures logical organization and academic quality.

Therefore, mastering research chapter structure is necessary for students and researchers who aim to produce professional academic work.