

Syllabus of the subject Introduction to research

1st year Master

Teaching objectives

The aim of these courses is not only to introduce and learn about research methods, but also to develop a scientific mindset through research methods, the formulation of the problem and its operationalisation, through to the preparation and writing of the research report.

Larning objectives :

Some notions of research acquired in the undergraduate course.

To provide basic knowledge of research theory and approaches and to help students consolidate and deepen their knowledge of research methodology.

The aim of these lectures and tutorials is to enable students to apply the theory of research approaches in the preparation and writing of a Master's dissertation.

Session 01: INTRODUCTION TO RESEARCH

- Planning and organising research
- The finesse of the remark
- Useful questioning
- In-depth reasoning

Session 02: SCIENTIFIC RESEARCH (continued)

- Criteria for characterising research
- The scientific research cycle

Session 03: SCIENTIFIC RESEARCH (End)

- The transdisciplinary stages of research

The different types of knowledge

Session 04: METHODOLOGY OF APPROACH (Continued)

- Outline the range of research methods available to the researcher.

Describe the nature of the different research methods used for a gathering that you are planning.

Session 05: METHODOLOGY OF APPROACH (Continued)

Methods (quantitative, qualitative, experimental)

Session 06: APPROACHING METHODOLOGY (End)

The historical method, the survey method.

Session 07: FORMULATION OF THE RESEARCH PROBLEM (Continued)

1. Choosing the research subject
2. Review of existing literature
3. Document selection
4. Review of existing literature

Session 08: FORMULATION OF THE RESEARCH PROBLEM (Continued)

1. General approach
2. Literature review and selection
3. Defining the research problem

Session 09: FORMULATION OF THE RESEARCH PROBLEM (End)

4. Feasibility of the research
5. Sources of inspiration
6. Steps to take

Session 10: IMPLEMENTING THE RESEARCH PROBLEM (continued)

1. The classic hypothesis
2. Conceptual analysis (concept, dimensions of the concept, indicators of a dimension of a concept, variable, etc.)

Session 11: IMPLEMENTING THE RESEARCH PROBLEM (End)

3. The general approach
4. Validity checks
5. The reference framework (means of implementation, population to be studied, etc.)

Content of supervised work

- 1-Established a bibliographical card
- 2- Formulate a research problem

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