

Research Methods

26902

Methodology of Behavioral Sciences Unit
Department of Psychobiology and Methodology of Health Sciences
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GENERAL AIMS

The aim of this course is to present the main concepts of the scientific research and the particularities of its implementation in psychology. The topics covered include an introduction to the assumptions that support the logic of scientific research, as well as an introduction to the experimental, selective and observational methods, and its main distinct features. At the end of the course the student should:

1. Know the basics and the terminology of methods, designs and techniques of research in order to be able to integrate in a comprehensive and structured way, the methodological contents included in subsequent courses.
2. Be able to read critically a research article in order to evaluate the appropriateness of the methods, designs and techniques applied in function of the problem under study.

CONTENTS

Block A: Methodological Principles

Lesson 1. Scientific Research in Psychology

Block B: Research methods

Lesson 2. The experimental method

Lesson 3. Extensions of the experimental method

Lesson 4. The selective method

Lesson 5. Observational method

Block C: Synthesis

Lesson 6. Notes for integrating and broadening

BIBLIOGRAPHY

Bibliography to prepare the course:

León, O. & Montero, I. (2003). *Métodos de investigación en Psicología y Educación* (3ª ed.). Madrid: McGrawHill.

Portell, M., Vives, J., & Boixadós, M. (2003). *Mètodes d'investigació: recursos didàctics*. Bellaterra: Servei de Publicacions UAB.

Support bibliography:

Babbie, E. (2000). *Fundamentos de la investigación social*. México: Thomson.

Delgado, A.R. y Prieto, G. (1997). *Introducción a los métodos de investigación de la psicología*. Madrid: Pirámide.

- Gambara, H. (2002). *Métodos de investigación en Psicología y Educación. Cuaderno de prácticas* (3ª Ed.). Madrid: McGraw Hill.
- Moreno, R.; Martínez, R.J. y Chacón, S. (2000). *Fundamentos metodológicos en psicología y ciencias afines*. Madrid: Pirámide.
- Sahughnessy, J.J, Zechmeister, E.B i ZechMesiter, J.S (2007). *Métodos de investigación en Psicología* (7ª Ed.). Madrid: McGraw Hill.

IMPORTANT NOTICE: The lessons of this course are mainly given in Catalan. None of them are given in English.